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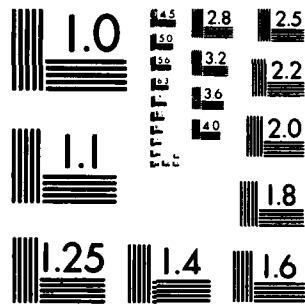
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CLIMATOLOGY HANDBOOK FOR VII CORPS FORWARD AREAS

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INTRODUCTION

THE PURPOSE OF THIS PAMPHLET IS TO PROVIDE A USEFUL UNCLASSIFIED REFERENCE CONCERNING SIGNIFICANT WEATHER CONDITIONS THAT CAN BE EXPECTED TO IMPACT ON TACTICAL OPERATIONS IN VII CORPS FORWARD AREAS. IT IS DESIGNED AS AN AID IN HELPING FIELD COMMANDERS AND OTHER PLANNERS TO PRE-PLAN FIELD OPERATIONS. USED WISELY, IT WILL ENABLE TACTICAL UNITS TO TAKE FULL ADVANTAGE OF BOTH THE GOOD AND ADVERSE ASPECTS OF WEATHER CONDITIONS; REMEMBER ALSO THAT A WISE ENEMY CAN DO THE SAME.

IT MUST BE EMPHASIZED THAT INFORMATION CONTAINED IN THIS PAMPHLET IS BASED SOLELY ON CLIMATOLOGICAL RECORDS AND REPRESENTS "AVERAGES" THAT CAN BE EXPECTED FOR THE TIMES AND LOCATIONS INDICATED. THE PLANNER MUST KEEP IN MIND THAT EUROPEAN WEATHER IS VERY RADICAL IN NATURE AND OFTEN CHANGES WITHIN A FEW HOURS. WHILE THE DATA CONTAINED HERE ARE EXCELLENT TOOLS FOR THE LONG RANGE PLANNING, REAL TIME WEATHER FORECASTS CAN AND SHOULD BE OBTAINED FOR ON-GOING OPERATIONS FROM A STAFF WEATHER OFFICER.

ELEVATIONS THROUGHOUT THE PAMPHLET REFER TO METERS ABOVE SEA LEVEL.

ABOUT THE TABLES

I. PURPOSE:

THESE CLIMATOLOGICAL TABLES WERE PRODUCED BY OL-A, USAFETAC, IN SUPPORT OF THE US ARMY FORCES COMMAND AND 1ST INFANTRY DIVISION FOR USE IN THE VII CORPS FORWARD AREAS IN EUROPE. THE VALUES CONTAINED IN THE TABLES WERE DETERMINED TO BE MOST REPRESENTATIVE FOR THE ENTIRE FORWARD AREA AND ARE NOT MEANT TO BE REPRESENTATIVE OF ANY SPECIFIC POINT(S) IN THE AREA. THESE TABLES ARE TO PROVIDE GENERAL CLIMATOLOGICAL GUIDANCE TO THE WEATHER OFFICER OR COMMANDER IN THE FIELD. PARTICULAR INFORMATION FOR ANY SPECIFIC POINT AND TIME SHOULD BE OBTAINED FROM THE APPROPRIATE SOURCE: I.E., STAFF METEOROLOGIST, STAFF WEATHER OFFICER, DUTY FORECASTER, ETC.

II. FORWARD AREAS:

FOR THE PURPOSE OF THESE TABLES THE VII CORPS FORWARD AREAS CONSIST OF THE REGION BOUNDED BY 10°00' EAST TO 14°00' EAST AND 48°30' NORTH TO 50°30' NORTH. THIS AREA ENCOMPASSES SOUTHEAST GERMANY AND WESTERN CZECHOSLOVAKIA. THE TERRAIN IS VERY RUGGED, VARYING FROM HILLS AND VALLEYS TO MOUNTAIN CHAINS WITH ELEVATIONS FROM 100 METERS TO 1500 METERS (300-5000 FEET). SUCH DIVERSE AND RUGGED TERRAIN GREATLY AFFECTS THE METEOROLOGICAL AND CLIMATOLOGICAL CONDITIONS FROM POINT TO POINT WITHIN THE AREA.

III. DESCRIPTION OF TABLES:

IN ORDER TO DEAL EFFECTIVELY WITH CLIMATOLOGICAL CHANGES DUE TO TERRAIN AND DIURNAL EFFECTS SEVERAL DEFFERENT TYPES OF TABLES ARE PRESENTED, EACH TYPE DEPENDENT UPON THE CLIMATOLOGICAL VARIABLE INVOLVED. THE FOLLOWING TYPES OF TABLES ARE USED:

- A. TABLES WITH A SINGLE VALUE FOR EACH MONTH.
 - B. TABLES BY MONTH WITH VALUES FOR EACH OF THREE DIFFERENT RANGES OF ELEVATIONS: UP TO 299M., 300-599M. AND ABOVE 600M.
 - C. TABLES BY MONTH WITH VALUES FOR EACH OF EIGHT DIFFERENT HOUR GROUPS: 2300-0159, 0200-0459, 0500-0759, 0800-1059, 1100-1359, 1400-1659, 1700-1959 AND 2000-2259 LOCAL STANDARD TIME.
 - D. TABLES BY MONTH WITH VALUES FOR BOTH ELEVATIONS (AS ABOVE) AND HOUR GROUPS (AS ABOVE).
- THERE IS AN INTRODUCTORY PAGE IN FRONT OF EACH SET OF TABLES DESCRIBING THE TABLES AND THE CRITERIA USED TO CALCULATE THE VALUES AND THEREFORE THAT INFORMATION WILL NOT BE REPEATED HERE. IT SHOULD BE NOTED HOWEVER THAT THE TABLES ENTITLED "GROUND OBSCURATION" IN FACT CONTAIN VALUES INDICATING THE PERCENT OF TIME WHEN NO GROUND OBSCURATION EXISTS.

IV. DATA SOURCES:

THE MAJORITY OF THE TABLES WERE PRODUCED USING THE MOST CURRENT DATA AVAILABLE, 1973-1980. CHOOSING THIS PERIOD OF RECORD ALLOWED THE USE OF EIGHT YEARS OF CONSISTENT AND CONCURRENT DATA FOR ALL STATIONS. HOWEVER, THIS EIGHT-YEAR PERIOD WAS NOT PRACTICAL OR EVEN ADVISABLE FOR USE IN ALL THE TABLES. THE "MEAN MONTHLY PRECIPITATION" TABLES WERE BASED

PRIMARILY UPON 27 YEARS OF DATA COVERING THE PERIOD 1953-1979. THESE WERE SUPPLEMENTED AND CORROBORATED BY OTHER DATA SOURCES AS NECESSARY. THE "SNOW DEPTH" AND "TEMPERATURE" TABLES WERE OBTAINED FROM VARIOUS SOURCES AND DIFFERING PERIODS OF RECORD. THE USE OF ONE DATA SOURCE IN PREFERENCE TO ANOTHER WAS DETERMINED BY THE AVAILABILITY AND ACCESSIBILITY OF THE DATA AND THE EFFORT TO PROVIDE THE BEST QUALITY WITHIN THE TIME LINES DICTATED BY THE PROJECT.

V. ANALYSIS TECHNIQUES:

TWO DIFFERENT METHODS WERE USED FOR SUMMARIZATION AND PRESENTATION OF THE CLIMATOLOGICAL VALUES TO BE ANALYZED. THESE WERE MANUAL SUMMARIZATION AND COLLATION OF VALUES WHICH WERE THEN PLOTTED ON WEATHER CHARTS AND SUMMARIZATION BY COMPUTER WITH THE OUTPUTS GROUPED BY MONTH, ELEVATION AND HOUR GROUPS. REGARDLESS OF THE METHOD USED TO PREPARE THE DATA, ALL FINAL VALUES WERE SELECTED BASED UPON THE ANALYSIS AND JUDGEMENT OF METEOROLOGISTS. DATA FROM APPROXIMATELY 25 STATIONS WERE USED TO PROVIDE INPUT TO THE ANALYSES. DURING THE ANALYSIS PHASE, ADJUSTMENTS AND CORRECTIONS TO THE DATA WERE MADE. THESE CHANGES WERE MADE TO ACCOUNT FOR DIFFERENCES CAUSED BY VARYING DATA SOURCES, VARYING DATA AVAILABILITY, DATA CODES AND LOCAL REPORTING PRACTICES, AND THE RESULTING SHORTCOMINGS IN SUMMARIZATION TECHNIQUES. ALTHOUGH THE FINAL VALUES SELECTED WERE DETERMINED TO BE MOST REPRESENTATIVE OF THE ENTIRE AREA, IN SOME INSTANCES LARGE VARIATIONS OCCURED WITHIN THE AREA. WHENEVER POSSIBLE, FOOTNOTES WERE ADDED TO THE TABLES SHOWING HOW AND WHERE ADJUSTMENTS SHOULD BE MADE TO THE DATA TO HELP ACCOUNT FOR THE VARIABILITY. NO ATTEMPTS WERE MADE TO CHARACTERIZE VARIATIONS AT RANDOM POINTS WHICH WERE CAUSED BY UNIQUE LOCALIZED FEATURES. IN FACT, SUCH DATA WERE TREATED VERY CAUTIOUSLY SO AS TO AVOID BIASING THE OVERALL SITUATION TOWARD LOCAL EFFECT(S).

VI. GENERAL COMMENTS:

THESE TABLES REPRESENT THE MOST ACCURATE AND MOST REPRESENTATIVE DATA AVAILABLE, UNDER THE CONSTRAINTS OF AVAILABLE MANPOWER AND THE REQUIRED DUE DATE, AND THEY SHOULD BE USED WITH DUE REGARD FOR THE FACT THAT THEY ARE FOR GENERAL CLIMATOLOGICAL GUIDANCE. HOWEVER, IT IS RECOGNIZED THAT IMPROVEMENTS IN THE SPECIFICATIONS WILL DOUBTLESS BE AVAILABLE LATER, AS BETTER ALGORITHMS AND ADDITIONAL DATA BECOME AVAILABLE. OL-A, USAFETAC WILL BE LOOKING INTO THESE AREAS AND WILL UPDATE THESE TABLES WHENEVER SIGNIFICANT CHANGES AND/OR IMPROVEMENTS CAN BE MADE. WE WOULD APPRECIATE FEEDBACK SUGGESTIONS AND/OR COMMENTS ON THE TABLES AND THEIR STRENGTHS OR WEAKNESSES. THIS WILL AID IN PRODUCING FUTURE, IMPROVED TABLES.

PART 1

VISIBILITY CHARTS

THESE CHARTS ARE DESIGNED TO ENABLE FIELD COMMANDERS IN VII CORPS FORWARD AREAS TO PRE-SITE AND PRE-PLAN THE SITING OF THEIR WEAPONS SYSTEMS. THE USE OF 80 AND 90 PERCENTILE FACTORS PROVIDES A SIGNIFICANT DEGREE OF RELIABILITY FOR VARYING TIMES OF THE DAY THROUGHOUT THE YEAR.

THE VISIBILITY STATISTICS LISTED IN THIS PART CAN BE USED FOR PLANNING OTHER OPERATIONS WHICH DEPEND HEAVILY ON VISIBILITY CAPABILITIES. A PRIME EXAMPLE IS ROUTING AND MOVEMENT OF MILITARY CONVOYS.

VALUES ARE SUCH THAT 90% (80%) OF THE TIME THE VISIBILITY IS GREATER THAN OR EQUAL TO THE VALUE.

VISIBILITY CHART FOR VII CORPS FORWARD AREAS DURING JAN

HOURS OF THE DAY (LOCAL TIMES)	IF YOUR ELEVATION ABOVE SEA LEVEL IS IN ONE OF THE FOLLOWING THREE CATEGORIES YOU CAN EXPECT GROUND VISIBILITIES IN YOUR AREA TO BE AS SHOWN AT LEAST <u>90%</u> (<u>80%</u>) OF THE TIME.					
	UP TO 299 METERS		BETWEEN 300 - 599 METERS		ABOVE 600 METERS	
2300 - 0159	2600	(4000)	1100	(2200)	200	(400)
0200 - 0459	2200	(4000)	1100	(2200)	200	(400)
0500 - 0759	2200	(3000)	1300	(2200)	200	(300)
0800 - 1059	1500	(3000)	1300	(2200)	100	(300)
1100 - 1359	2200	(3400)	1800	(3000)	200	(500)
1400 - 1659	2600	(3800)	2200	(4000)	200	(400)
1700 - 1959	2600	(3800)	1800	(3000)	200	(400)
2000 - 2259	3000	(3800)	1500	(2600)	100	(200)

EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS; LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE 200 METERS OR MORE AT LEAST 90% OF THE TIME, OR 500 METERS OR MORE AT LEAST 80% OF THE TIME.

VISIBILITY CHART FOR VII CORPS FORWARD AREAS DURING FEB

HOURS OF THE DAY (LOCAL TIMES)	IF YOUR ELEVATION ABOVE SEA LEVEL IS IN ONE OF THE FOLLOWING THREE CATEGORIES YOU CAN EXPECT GROUND VISIBILITIES IN YOUR AREA TO BE AS SHOWN AT LEAST <u>90%</u> (<u>80%</u>) OF THE TIME.					
	UP TO 299 METERS		BETWEEN 300 - 599 METERS		ABOVE 600 METERS	
2300 - 0159	3000	(4200)	1300	(2200)	200	(400)
0200 - 0459	3400	(4200)	1100	(1800)	200	(300)
0500 - 0759	1500	(2800)	1100	(1800)	100	(200)
0800 - 1059	1500	(2600)	1100	(1500)	100	(300)
1100 - 1359	2600	(3800)	1800	(3000)	200	(400)
1400 - 1659	3400	(5000)	2600	(3800)	200	(500)
1700 - 1959	2600	(3800)	1800	(3400)	100	(400)
2000 - 2259	3400	(4200)	1800	(3800)	100	(300)
<p>EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS; LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE <u>200</u> METERS OR MORE AT LEAST 90% OF THE TIME, OR <u>400</u> METERS OR MORE AT LEAST 80% OF THE TIME.</p>						

VISIBILITY CHART FOR VII CORPS FORWARD AREAS DURING MAR

HOURS OF THE DAY (LOCAL TIMES)	IF YOUR ELEVATION ABOVE SEA LEVEL IS IN ONE OF THE FOLLOWING THREE CATEGORIES YOU CAN EXPECT GROUND VISIBILITIES IN YOUR AREA TO BE AS SHOWN AT LEAST <u>90% (80%)</u> OF THE TIME.					
	UP TO 299 METERS		BETWEEN 300 - 599 METERS		ABOVE 600 METERS	
2300 - 0159	5800	(6600)	2200	(3400)	400	(500)
0200 - 0459	4600	(5800)	1800	(3800)	200	(400)
0500 - 0759	2600	(3400)	1100	(2200)	100	(400)
0800 - 1059	2600	(3800)	1300	(3400)	300	(500)
1100 - 1359	4600	(6600)	3800	(5000)	700	(1800)
1400 - 1659	5800	(9000)	4200	(6600)	900	(2200)
1700 - 1959	5000	(6600)	3400	(5800)	700	(1500)
2000 - 2259	5800	(6600)	3400	(5800)	600	(900)
<p>EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS; LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE <u>700</u> METERS OR MORE AT LEAST 90% OF THE TIME, OR <u>1800</u> METERS OR MORE AT LEAST 80% OF THE TIME.</p>						

VISIBILITY CHART FOR VII CORPS FORWARD AREAS DURING APR

HOURS OF THE DAY (LOCAL TIMES)	IF YOUR ELEVATION ABOVE SEA LEVEL IS IN ONE OF THE FOLLOWING THREE CATEGORIES YOU CAN EXPECT GROUND VISIBILITIES IN YOUR AREA TO BE AS SHOWN AT LEAST <u>90% (80%)</u> OF THE TIME.					
	UP TO 299 METERS		BETWEEN 300 - 599 METERS		ABOVE 600 METERS	
2300 - 0159	6600	(10,000)	4200	(5800)	100	(600)
0200 - 0459	5900	(7400)	3000	(3800)	100	(400)
0500 - 0759	2600	(4600)	1800	(3000)	200	(400)
0800 - 1059	5000	(6600)	3400	(5800)	200	(600)
1100 - 1359	7400	(10,000)	6600	(9000)	400	(1800)
1400 - 1659	10,000	(10,000)	6600	(9000)	500	(2600)
1700 - 1959	10,000	(10,000)	6600	(9000)	500	(1800)
2000 - 2259	9000	(10,000)	5800	(7400)	200	(1100)
<p>EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS; LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE <u>400</u> METERS OR MORE AT LEAST 90% OF THE TIME, OR <u>1800</u> METERS OR MORE AT LEAST 80% OF THE TIME.</p>						

VISIBILITY CHART FOR VII CORPS FORWARD AREAS DURING MAY

HOURS OF THE DAY (LOCAL TIMES)	IF YOUR ELEVATION ABOVE SEA LEVEL IS IN ONE OF THE FOLLOWING THREE CATEGORIES YOU CAN EXPECT GROUND VISIBILITIES IN YOUR AREA TO BE AS SHOWN AT LEAST <u>90% (80%)</u> OF THE TIME.					
	UP TO 299 METERS		BETWEEN 300 - 599 METERS		ABOVE 600 METERS	
2300 - 0159	7400	(10,000)	5000	(6600)	400	(700)
0200 - 0459	5000	(6600)	2600	(4200)	700	(1100)
0500 - 0759	3400	(5000)	2200	(3800)	200	(1800)
0800 - 1059	6600	(10,000)	5800	(7400)	300	(2600)
1100 - 1359	9000	(10,000)	7400	(10,000)	700	(4600)
1400 - 1659	10,000	(10,000)	9000	(10,000)	1100	(5800)
1700 - 1959	10,000	(10,000)	7400	(10,000)	1800	(5000)
2000 - 2259	9000	(10,000)	6600	(9000)	800	(1100)
<p>EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS; LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE <u>700</u> METERS OR MORE AT LEAST 90% OF THE TIME, OR <u>4600</u> METERS OR MORE AT LEAST 80% OF THE TIME.</p>						

VISIBILITY CHART FOR VII CORPS FORWARD AREAS DURING JUN

HOURS OF THE DAY (LOCAL TIMES)	IF YOUR ELEVATION ABOVE SEA LEVEL IS IN ONE OF THE FOLLOWING THREE CATEGORIES YOU CAN EXPECT GROUND VISIBILITIES IN YOUR AREA TO BE AS SHOWN AT LEAST <u>90% (80%)</u> OF THE TIME.					
	UP TO 299 METERS		BETWEEN 300 - 599 METERS		ABOVE 600 METERS	
2300 - 0159	5800	(7400)	3400	(5800)	300	(800)
0200 - 0459	2600	(5000)	2200	(3800)	200	(600)
0500 - 0759	3800	(5000)	2600	(3800)	200	(1500)
0800 - 1059	6600	(10,000)	5800	(7400)	1100	(2600)
1100 - 1359	10,000	(10,000)	9000	(10,000)	3000	(5000)
1400 - 1659	10,000	(10,000)	9000	(10,000)	5000	(5800)
1700 - 1959	10,000	(10,000)	9000	(10,000)	1800	(2600)
2000 - 2259	6600	(9000)	5800	(7400)	1800	(2200)
<p>EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS; LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE <u>3000</u> METERS OR MORE AT LEAST 90% OF THE TIME, OR <u>5000</u> METERS OR MORE AT LEAST 80% OF THE TIME.</p>						

VISIBILITY CHART FOR VII CORPS FORWARD AREAS DURING JUL

HOURS OF THE DAY (LOCAL TIMES)	IF YOUR ELEVATION ABOVE SEA LEVEL IS IN ONE OF THE FOLLOWING THREE CATEGORIES YOU CAN EXPECT GROUND VISIBILITIES IN YOUR AREA TO BE AS SHOWN AT LEAST <u>90% (80%)</u> OF THE TIME.					
	UP TO 299 METERS		BETWEEN 300 - 599 METERS		ABOVE 600 METERS	
2300 - 0159	6600	(10,000)	4600	(5800)	1100	(1800)
0200 - 0459	5000	(6600)	2200	(3800)	700	(1800)
0500 - 0759	3000	(4200)	2200	(3800)	700	(1800)
0800 - 1059	5800	(7400)	5800	(7400)	1800	(3800)
1100 - 1359	10,000	(10,000)	9000	(10,000)	3800	(5800)
1400 - 1659	10,000	(10,000)	9000	(10,000)	5800	(9000)
1700 - 1959	10,000	(10,000)	9000	(10,000)	5800	(5800)
2000 - 2259	7400	(9000)	5800	(7400)	2600	(3400)
<p>EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS; LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE <u>3800</u> METERS OR MORE AT LEAST 90% OF THE TIME, OR <u>5800</u> METERS OR MORE AT LEAST 80% OF THE TIME.</p>						

VISIBILITY CHART FOR VII CORPS FORWARD AREAS DURING AUG

HOURS OF THE DAY (LOCAL TIMES)	IF YOUR ELEVATION ABOVE SEA LEVEL IS IN ONE OF THE FOLLOWING THREE CATEGORIES YOU CAN EXPECT GROUND VISIBILITIES IN YOUR AREA TO BE AS SHOWN AT LEAST <u>90% (80%)</u> OF THE TIME.					
	UP TO 299 METERS		BETWEEN 300 - 599 METERS		ABOVE 600 METERS	
2300 - 0159	5800	(9000)	3000	(5000)	1800	(3400)
0200 - 0459	4200	(6600)	1800	(3800)	3000	(1100)
0500 - 0759	1300	(2600)	1100	(3000)	200	(700)
0800 - 1059	4200	(5800)	3800	(5800)	500	(1800)
1100 - 1359	7400	(10,000)	6600	(9000)	1800	(4200)
1400 - 1659	10,000	(10,000)	7400	(10,000)	3800	(7400)
1700 - 1959	10,000	(10,000)	6600	(9000)	2600	(5800)
2000 - 2259	7400	(9000)	5000	(6600)	1100	(3000)
<p>EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS; LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE <u>1800</u> METERS OR MORE AT LEAST 90% OF THE TIME, OR <u>4200</u> METERS OR MORE AT LEAST 80% OF THE TIME.</p>						

VISIBILITY CHART FOR VII CORPS FORWARD AREAS DURING SEP

HOURS OF THE DAY (LOCAL TIMES)	IF YOUR ELEVATION ABOVE SEA LEVEL IS IN ONE OF THE FOLLOWING THREE CATEGORIES YOU CAN EXPECT GROUND VISIBILITIES IN YOUR AREA TO BE AS SHOWN AT LEAST <u>90% (80%)</u> OF THE TIME.					
	UP TO 299 METERS		BETWEEN 300 - 599 METERS		ABOVE 600 METERS	
2300 - 0159	5000	(5800)	1800	(3400)	500	(1800)
0200 - 0459	3400	(4600)	700	(2200)	200	(900)
0500 - 0759	800	(1300)	700	(1100)	100	(700)
0800 - 1059	2600	(4200)	2200	(3400)	400	(2200)
1100 - 1359	5800	(7400)	5800	(7400)	1800	(3400)
1400 - 1659	9000	(10,000)	6600	(9000)	1800	(4200)
1700 - 1959	5800	(10,000)	5000	(7400)	800	(2200)
2000 - 2259	5800	(7400)	3800	(5800)	400	(1300)
<p>EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS; LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE <u>1800</u> METERS OR MORE AT LEAST 90% OF THE TIME, OR <u>3400</u> METERS OR MORE AT LEAST 80% OF THE TIME.</p>						

VISIBILITY CHART FOR VII CORPS FORWARD AREAS DURING OCT

HOURS OF THE DAY (LOCAL TIMES)	IF YOUR ELEVATION ABOVE SEA LEVEL IS IN ONE OF THE FOLLOWING THREE CATEGORIES YOU CAN EXPECT GROUND VISIBILITIES IN YOUR AREA TO BE AS SHOWN AT LEAST <u>90% (80%)</u> OF THE TIME.					
	UP TO 299 METERS		BETWEEN 300 - 599 METERS		ABOVE 600 METERS	
2300 - 0159	800	(4200)	500	(1800)	100	(1100)
0200 - 0459	800	(3400)	500	(1500)	100	(300)
0500 - 0759	200	(1100)	300	(900)	100	(300)
0800 - 1059	1100	(2200)	800	(2200)	200	(400)
1100 - 1359	3400	(5000)	3000	(5000)	300	(1100)
1400 - 1659	4600	(6600)	3400	(5800)	600	(2200)
1700 - 1959	3000	(4600)	3000	(4200)	200	(1100)
2000 - 2259	2600	(5000)	1500	(3400)	100	(800)
<p>EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS; LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE <u>300</u> METERS OR MORE AT LEAST 90% OF THE TIME, OR <u>1100</u> METERS OR MORE AT LEAST 80% OF THE TIME.</p>						

VISIBILITY CHART FOR VII CORPS FORWARD AREAS DURING NOV

HOURS OF THE DAY (LOCAL TIMES)	IF YOUR ELEVATION ABOVE SEA LEVEL IS IN ONE OF THE FOLLOWING THREE CATEGORIES YOU CAN EXPECT GROUND VISIBILITIES IN YOUR AREA TO BE AS SHOWN AT LEAST <u>90% (80%)</u> OF THE TIME.					
	UP TO 299 METERS		BETWEEN 300 - 599 METERS		ABOVE 600 METERS	
2300 - 0159	3000	(1800)	1100	(1800)	100	(400)
0200 - 0459	2600	(1800)	1100	(2600)	200	(400)
0500 - 0759	1800	(3000)	1100	(1800)	200	(400)
0800 - 1059	1800	(3000)	1300	(2200)	200	(500)
1100 - 1359	3000	(4200)	1800	(3400)	200	(500)
1400 - 1659	3000	(5000)	2200	(3400)	200	(400)
1700 - 1959	3000	(5000)	1800	(3000)	200	(400)
2000 - 2259	3400	(5000)	1800	(5000)	100	(500)
<p>EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS; LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE <u>200</u> METERS OR MORE AT LEAST 90% OF THE TIME, OR <u>500</u> METERS OR MORE AT LEAST 80% OF THE TIME.</p>						

VISIBILITY CHART FOR VII CORPS FORWARD AREAS DURING DEC

HOURS OF THE DAY (LOCAL TIMES)	IF YOUR ELEVATION ABOVE SEA LEVEL IS IN ONE OF THE FOLLOWING THREE CATEGORIES YOU CAN EXPECT GROUND VISIBILITIES IN YOUR AREA TO BE AS SHOWN AT LEAST <u>90%</u> <u>(80%)</u> OF THE TIME.					
	UP TO 299 METERS		BETWEEN 300 - 599 METERS		ABOVE 600 METERS	
2300 - 0159	3400	(4600)	1500	(3000)	200	(900)
0200 - 0459	3400	(5000)	1300	(3000)	200	(900)
0500 - 0759	2200	(3400)	1800	(3000)	200	(400)
0800 - 1059	2600	(3400)	1500	(2600)	300	(400)
1100 - 1359	3400	(4200)	2200	(3400)	300	(800)
1400 - 1659	3400	(5000)	2200	(3800)	300	(700)
1700 - 1959	3000	(5000)	1600	(3000)	200	(900)
2000 - 2259	3800	(5000)	1800	(3400)	200	(900)
<p>EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS; LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE <u>300</u> METERS OR MORE AT LEAST 90% OF THE TIME, OR <u>800</u> METERS OR MORE AT LEAST 80% OF THE TIME.</p>						

PART 2

CLOUD CEILING AND VISIBILITY PERCENTAGES

THIS PART IS DESIGNED TO ENABLE COMMANDERS AND PLANNERS TO DEVELOP TACTICAL PLANS INVOLVING THE EMPLOYMENT OF AIRCRAFT WEAPONS IN THE VII CORPS FORWARD AREA. THE DATA ARE BASED ON THE PERCENTAGES OF TIME FOR GIVEN MONTHS AND TIMES OF DAY THAT COMBINATIONS OF CLOUD CEILINGS AND VISIBILITIES OCCUR. THESE COMBINATIONS DETERMINE THE MINIMUM CRITERIA UNDER WHICH SPECIFIED TACTICAL OPERATIONS CAN BE PERFORMED. REMEMBER, IF FRIENDLY AIRCRAFT ARE ABLE TO PERFORM, THEN CHANCES ARE GOOD THAT ENEMY AIRCRAFT ALSO CAN.

FOUR SECTIONS ARE CONTAINED IN THIS PART: (A) HELICOPTER TERRAIN FLYING; (B) VFR HELICOPTER FLYING; (C) WARTIME MINIMA FOR CLOSE AIR SUPPORT AND AIR RECONNAISSANCE; AND (D) PEACETIME MINIMA FOR CLOSE AIR SUPPORT AND AIR RECONNAISSANCE.

VFR REFERS TO VISUAL ELIGHT RULES, IN THIS TYPE OF FLYING PILOTS MUST DEPEND ON VISUAL MEANS. WHEN CLOUD CEILINGS AND/OR VISIBILITIES ARE BELOW ESTABLISHED MINIMA THEY ARE UNABLE TO FLY VFR.

PART 2

SECTION A

HELICOPTER TERRAIN FLYING

TERRAIN FLYING IS THE TACTIC OF EMPLOYING AIRCRAFT IN SUCH A MANNER AS TO UTILIZE THE TERRAIN, VEGETATION, AND MAN-MADE OBJECTS TO AVOID VISUAL, OPTICAL, OR ELECTRONIC DETECTION BY THE ENEMY. IT INVOLVES FLIGHT CLOSE TO THE EARTH'S SURFACE AND INCLUDES THE TACTICAL APPLICATION OF LOW LEVEL, CONTOUR, AND NAP OF THE EARTH FLIGHT TECHNIQUES. TERRAIN FLYING IS THE TACTIC THAT WILL BE EMPLOYED FOR HELICOPTERS IN COMBAT SITUATIONS.

THIS TYPE OF FLIGHT IS NORMALLY POSSIBLE WHEN AIRCRAFT INVOLVED CAN REMAIN CLEAR OF CLOUDS AND FLIGHT VISIBILITIES ARE AT LEAST 1/2 MILE OR MORE. STATISTICS IN THIS SECTION REFLECT THE PERCENTAGE OF TIME THAT TERRAIN FLYING CAN BE EXPECTED FOR THE MONTHS/TIMES/ELEVATIONS INDICATED.

DATA IN THIS SECTION ARE BASED UPON NO CLOUDS NOR OBSCURATIONS BELOW 100 FT AND THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 NM.

17/18

TERRAIN FLYING IN VII CORPS FORWARD AREAS DURING JAN

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	95	89	54
0200 - 0459	94	89	53
0500 - 0759	93	90	53
0800 - 1059	92	88	53
1100 - 1359	95	93	57
1400 - 1659	96	93	57
1700 - 1959	95	93	55
2000 - 2259	93	91	55
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY TERRAIN FLYING AT LEAST <u>88 %</u> OR MORE OF THE TIME.</p>			

TERRAIN FLYING IN VII CORPS FORWARD AREAS DURING FEB

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	94	90	58
0200 - 0459	91	88	55
0500 - 0759	90	88	53
0800 - 1059	90	88	57
1100 - 1359	95	94	62
1400 - 1659	96	96	63
1700 - 1959	96	95	62
2000 - 2259	93	93	57
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY TERRAIN FLYING AT LEAST <u>88 %</u> OR MORE OF THE TIME.</p>			

TERRAIN FLYING IN VII CORPS FORWARD AREAS DURING MAR

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	99	94	66
0200 - 0459	97	91	63
0500 - 0759	92	90	61
0800 - 1059	95	92	63
1100 - 1359	98	97	71
1400 - 1659	99	98	73
1700 - 1959	98	97	72
2000 - 2259	96	97	68
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY TERRAIN FLYING AT LEAST <u>92</u> % OR MORE OF THE TIME.</p>			

TERRAIN FLYING IN VII CORPS FORWARD AREAS DURING APR

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS, FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	99	98	71
0200 - 0459	97	94	63
0500 - 0759	94	92	59
0800 - 1059	98	97	67
1100 - 1359	99	98	75
1400 - 1659	99	98	79
1700 - 1959	99	98	76
2000 - 2259	99	98	75
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY TERRAIN FLYING AT LEAST <u>97</u> % OR MORE OF THE TIME.</p>			

TERRAIN FLYING IN VII CORPS FORWARD AREAS DURING MAY

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL. DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	99	97	75
0200 - 0459	97	93	72
0500 - 0759	94	92	70
0800 - 1059	98	99	77
1100 - 1359	99	99	83
1400 - 1659	99	99	85
1700 - 1959	99	99	83
2000 - 2259	99	99	80
EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY TERRAIN FLYING AT LEAST <u>99 %</u> OR MORE OF THE TIME.			

TERRAIN FLYING IN VII CORPS FORWARD AREAS DURING JUN

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	97	97	77
0200 - 0459	93	91	68
0500 - 0759	95	93	67
0800 - 1059	99	99	74
1100 - 1359	99	99	82
1400 - 1659	99	99	87
1700 - 1959	99	99	83
2000 - 2259	98	99	80
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY TERRAIN FLYING AT LEAST <u>99</u> % OR MORE OF THE TIME.</p>			

TERRAIN FLYING IN VII CORPS FORWARD AREAS DURING JUL

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	98	98	79
0200 - 0459	98	93	70
0500 - 0759	93	93	67
0800 - 1059	98	99	75
1100 - 1359	99	99	83
1400 - 1659	100	99	86
1700 - 1959	99	99	83
2000 - 2259	98	99	79
EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY TERRAIN FLYING AT LEAST <u>99</u> % OR MORE OF THE TIME.			

TERRAIN FLYING IN VII CORPS FORWARD AREAS DURING AUG

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	97	96	83
0200 - 0459	96	91	76
0500 - 0759	89	89	73
0800 - 1059	97	98	78
1100 - 1359	99	99	86
1400 - 1659	99	99	90
1700 - 1959	99	99	87
2000 - 2259	98	98	85
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY TERRAIN FLYING AT LEAST <u>98</u> % OR MORE OF THE TIME.</p>			

TERRAIN FLYING IN VII CORPS FORWARD AREAS DURING SEP

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	90	92	73
0200 - 0459	92	86	66
0500 - 0759	80	80	64
0800 - 1059	95	94	69
1100 - 1359	98	99	79
1400 - 1659	99	99	81
1700 - 1959	99	98	80
2000 - 2259	99	97	76
EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0400 HOURS. YOU CAN EXPECT TO FLY TERRAIN FLYING AT LEAST <u>94</u> % OR MORE OF THE TIME.			

TERRAIN FLYING IN VII CORPS FORWARD AREAS DURING OCT

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	86	84	63
0200 - 0459	80	81	58
0500 - 0759	78	78	60
0800 - 1059	86	86	62
1100 - 1359	96	97	70
1400 - 1659	97	96	72
1700 - 1959	96	95	67
2000 - 2259	92	91	63
EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY TERRAIN FLYING AT LEAST <u>86</u> % OR MORE OF THE TIME.			

TERRAIN FLYING IN VII CORPS FORWARD AREAS DURING NOV

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS, FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	93	89	54
0200 - 0459	92	88	49
0500 - 0759	93	88	48
0800 - 1059	93	90	50
1100 - 1359	97	96	54
1400 - 1659	97	96	56
1700 - 1959	97	94	52
2000 - 2259	96	92	51
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY TERRAIN FLYING AT LEAST <u>90</u> % OR MORE OF THE TIME.</p>			

TERRAIN FLYING IN VII CORPS FORWARD AREAS DURING DEC

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS, FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	96	91	53
0200 - 0459	97	91	46
0500 - 0759	95	92	46
0800 - 1059	95	91	52
1100 - 1359	97	95	53
1400 - 1659	97	95	56
1700 - 1959	97	94	55
2000 - 2259	95	92	52
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY TERRAIN FLYING AT LEAST <u>91</u> % OR MORE OF THE TIME.</p>			

PART 2

SECTION B

VFR HELICOPTER FLYING

STATISTICS IN THIS SECTION INDICATE THE PERCENTAGES OF TIME THAT VFR HELICOPTER FLYING CAN BE EXPECTED DURING THE MONTHS/TIMES/ELEVATIONS SHOWN. MINIMA FOR VFR FLYING ARE CLOUD CEILINGS 500 FEET OR MORE ABOVE THE GROUND AND FLIGHT VISIBILITIES 1/2 MILE OR MORE.

THE PRIMARY DIFFERENCE BETWEEN VFR FLYING AND TERRAIN FLYING IS THAT VFR AIRCRAFT ARE UNABLE TO FLY WHEN THE CLOUD CEILINGS ARE LESS THAN 500 FEET ABOVE GROUND. TERRAIN FLYING AIRCRAFT HAVE NO SUCH CLOUD CEILING RESTRICTION AND CAN FLY AS LONG AS THEY REMAIN CLEAR OF CLOUDS. VISIBILITY RESTRICTIONS ARE THE SAME FOR BOTH TYPES OF FLYING.

WHILE TERRAIN FLYING TECHNIQUES ARE USED IN COMBAT SITUATIONS AND CERTAIN PEACETIME SPECIAL OPERATIONS, VFR FLYING IS THE NORMAL FLYING TECHNIQUE THAT MUST BE FOLLOWED IN ROUTINE, DAY-TO-DAY PEACETIME OPERATIONS.

DATA IN THIS SECTION ARE BASED UPON CEILINGS GREATER THAN OR EQUAL TO 500 FT AND VISIBILITY GREATER THAN OR EQUAL TO 1/2 NM.

VFR HELICOPTER FLYING IN VII CORPS FORWARD AREAS DURING JAN

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY VFR HELICOPTER DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	92	84	48
0200 - 0459	92	84	47
0500 - 0759	93	85	46
0800 - 1059	92	84	47
1100 - 1359	94	90	50
1400 - 1659	97	91	49
1700 - 1959	96	89	49
2000 - 2259	94	86	48
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY VFR HELICOPTER AT LEAST <u>84</u> % OR MORE OF THE TIME.</p>			

VFR HELICOPTER FLYING IN VII CORPS FORWARD AREAS DURING FEB

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY VFR HELICOPTER DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	95	86	51
0200 - 0459	94	83	48
0500 - 0759	92	84	47
0800 - 1059	93	84	48
1100 - 1359	97	92	54
1400 - 1659	98	94	54
1700 - 1959	98	92	55
2000 - 2259	96	90	50
EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY VFR HELICOPTER AT LEAST <u>84</u> % OR MORE OF THE TIME.			

VFR HELICOPTER FLYING IN VII CORPS FORWARD AREAS DURING MAR

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY VFR HELICOPTER DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	99	93	59
0200 - 0459	98	90	56
0500 - 0759	95	87	54
0800 - 1059	97	92	55
1100 - 1359	99	97	62
1400 - 1659	99	98	67
1700 - 1959	99	96	65
2000 - 2259	99	95	61
EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY VFR HELICOPTER AT LEAST <u>92. %</u> OR MORE OF THE TIME.			

VFR HELICOPTER FLYING IN VII CORPS FORWARD AREAS DURING APR

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY VFR HELICOPTER DURING THE TIMES SHOWN IN THE LEFT COLUMN..		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	99	97	64
0200 - 0459	99	94	57
0500 - 0759	95	91	54
0800 - 1059	99	96	59
1100 - 1359	99	98	68
1400 - 1659	100	98	72
1700 - 1959	100	98	70
2000 - 2259	99	98	69
EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY VFR HELICOPTER AT LEAST <u>96</u> % OR MORE OF THE TIME.			

VFR HELICOPTER FLYING IN VII CORPS FORWARD AREAS DURING MAY

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY VFR HELICOPTER DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	99	97	75
0200 - 0459	98	93	68
0500 - 0759	95	93	67
0800 - 1059	99	99	73
1100 - 1359	99	99	79
1400 - 1659	100	99	82
1700 - 1959	99	99	79
2000 - 2259	99	99	74
EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY VFR HELICOPTER AT LEAST <u>99</u> % OR MORE OF THE TIME.			

VFR HELICOPTER FLYING IN VII CORPS FORWARD AREAS DURING JUN

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY VFR HELICOPTER DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	99	96	73
0200 - 0459	98	91	65
0500 - 0759	96	93	64
0800 - 1059	100	98	68
1100 - 1359	100	99	78
1400 - 1659	99	99	83
1700 - 1959	100	99	79
2000 - 2259	99	98	77
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY VFR HELICOPTER AT LEAST <u>98</u> % OR MORE OF THE TIME.</p>			

VFR HELICOPTER FLYING IN VII CORPS FORWARD AREAS DURING JUL

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY VFR HELICOPTER DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	99	98	76
0200 - 0459	99	94	67
0500 - 0759	95	94	64
0800 - 1059	99	99	69
1100 - 1359	99	99	78
1400 - 1659	99	99	82
1700 - 1959	99	99	80
2000 - 2259	99	99	77
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY VFR HELICOPTER AT LEAST <u>99</u> % OR MORE OF THE TIME.</p>			

VFR HELICOPTER FLYING IN VII CORPS FORWARD AREAS DURING AUG

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY VFR HELICOPTER DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	99	97	81
0200 - 0459	98	91	74
0500 - 0759	92	90	71
0800 - 1059	98	98	74
1100 - 1359	100	99	82
1400 - 1659	99	99	88
1700 - 1959	99	99	86
2000 - 2259	99	99	82
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY VFR HELICOPTER AT LEAST <u>98</u> % OR MORE OF THE TIME.</p>			

VFR HELICOPTER FLYING IN VII CORPS FORWARD AREAS DURING SEP

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY VFR HELICOPTER DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	99	92	68
0200 - 0459	95	85	64
0500 - 0759	83	82	61
0800 - 1059	95	94	64
1100 - 1359	99	99	74
1400 - 1659	100	99	77
1700 - 1959	99	98	76
2000 - 2259	99	97	73
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY VFR HELICOPTER AT LEAST <u>94</u> % OR MORE OF THE TIME.</p>			

VFR HELICOPTER FLYING IN VII CORPS FORWARD AREAS DURING OCT

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. . FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY VFR HELICOPTER DURING THE TIMES SHOWN IN THE LEFT COLUMN. .		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	87	82	57
0200 - 0459	84	79	56
0500 - 0759	79	78	55
0800 - 1059	86	83	56
1100 - 1359	96	95	64
1400 - 1659	98	96	66
1700 - 1959	96	94	62
2000 - 2259	94	89	59
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY VFR HELICOPTER AT LEAST <u>83.</u> % OR MORE OF THE TIME.</p>			

VFR HELICOPTER FLYING IN VII CORPS FORWARD AREAS DURING NOV

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY VFR HELICOPTER DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	92	85	49
0200 - 0459	91	85	43
0500 - 0759	91	85	40
0800 - 1059	92	85	42
1100 - 1359	97	93	45
1400 - 1659	97	94	47
1700 - 1959	97	92	45
2000 - 2259	95	88	45
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY VFR HELICOPTER AT LEAST <u>85</u> % OR MORE OF THE TIME.</p>			

VFR HELICOPTER FLYING IN VII CORPS FORWARD AREAS DURING DEC

HOURS OF THE DAY (LOCAL TIMES)	<u>GROUND ELEVATION ABOVE SEA LEVEL</u> DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT TO FLY VFR HELICOPTER DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	95	87	45
0200 - 0459	95	86	43
0500 - 0759	93	87	40
0800 - 1059	94	87	42
1100 - 1359	96	92	45
1400 - 1659	97	92	47
1700 - 1959	97	90	47
2000 - 2259	97	89	45
EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT TO FLY VFR HELICOPTER AT LEAST <u>87</u> % OR MORE OF THE TIME.			

PART 2

SECTION C

WARTIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE

THIS SECTION OUTLINES THE PERCENTAGES OF TIME THAT CLOSE AIR SUPPORT AND AIR RECONNAISSANCE FLIGHTS CAN BE EXPECTED BY AIR FORCE AIRCRAFT IN WARTIME. THE DATA REFER ONLY TO VISUAL FLYING POSSIBILITIES AND HAVE NOTHING TO DO WITH AVAILABILITY OF AIRCRAFT, ETC. MINIMA USED ARE CLOUD CEILINGS GREATER THAN OR EQUAL TO 1000 FEET AND VISIBILITIES GREATER THAN OR EQUAL TO 2 1/2 NM. THESE MINIMA ARE GENERAL IN NATURE AND SPECIAL CIRCUMSTANCES COULD DICTATE SOME DEVIATION.

CERTAIN TACTICAL AIRCRAFT ARE ELECTRONICALLY EQUIPPED TO OPERATE IN CONDITIONS REGARDLESS OF CLOUD CEILINGS AND VISIBILITIES. DATA IN THIS SECTION DO NOT APPLY TO THIS TYPE OF AIRCRAFT.

WARTIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE VII CORPS FORWARD AREAS DURING JAN

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT WARTIME CLOSE AIR SUPPORT AND AIR RE- CONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 249 METERS	BETWEEN 250 - 499 METERS	ABOVE 500 METERS
2300 - 0159	68	50	36
0200 - 0459	67	49	38
0500 - 0759	63	49	40
0800 - 1059	60	47	39
1100 - 1359	69	60	41
1400 - 1659	75	63	41
1700 - 1959	70	56	38
2000 - 2259	71	52	38
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT WAR- TIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE TO BE POSSIBLE AT LEAST <u>47</u> % OR MORE OF THE TIME.</p>			

WARTIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE VII CORPS FORWARD AREAS DURING FEB

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT WARTIME CLOSE AIR SUPPORT AND AIR RE- CONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 249 METERS	BETWEEN 250 - 499 METERS	ABOVE 500 METERS
2300 - 0159	72	58	38
0200 - 0459	68	54	40
0500 - 0759	58	52	41
0800 - 1059	57	51	43
1100 - 1359	74	69	46
1400 - 1659	81	75	46
1700 - 1959	75	67	47
2000 - 2259	75	64	42
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT WAR- TIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE TO BE POSSIBLE AT LEAST <u>51</u> % OR MORE OF THE TIME.</p>			

WARTIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE VII CORPS FORWARD AREAS DURING MAR

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT WARTIME CLOSE AIR SUPPORT AND AIR RE- CONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 249 METERS	BETWEEN 250 - 499 METERS	ABOVE 500 METERS
2300 - 0159	91	72	44
0200 - 0459	85	68	43
0500 - 0759	68	58	46
0800 - 1059	74	67	47
1100 - 1359	90	83	52
1400 - 1659	94	87	54
1700 - 1959	90	81	54
2000 - 2259	92	78	48
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT WAR- TIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE TO BE POSSIBLE AT LEAST <u>67</u> % OR MORE OF THE TIME.</p>			

WARTIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE VII CORPS FORWARD AREAS DURING APR

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL. DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT WARTIME CLOSE AIR SUPPORT AND AIR RE- CONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 249 METERS	BETWEEN 250 - 499 METERS	ABOVE 500 METERS
2300 - 0159	96	83	49
0200 - 0459	88	76	48
0500 - 0759	76	65	48
0800 - 1059	90	83	49
1100 - 1359	96	90	53
1400 - 1659	98	92	58
1700 - 1959	98	91	61
2000 - 2259	98	89	57
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT WAR- TIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE TO BE POSSIBLE AT LEAST <u>83</u> % OR MORE OF THE TIME.</p>			

WARTIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE VII CORPS FORWARD AREAS DURING MAY

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT WARTIME CLOSE AIR SUPPORT AND AIR RE- CONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 249 METERS	BETWEEN 250 - 499 METERS	ABOVE 500 METERS
2300 - 0159	96	86	61
0200 - 0459	90	78	59
0500 - 0759	80	75	62
0800 - 1059	95	91	64
1100 - 1359	97	96	68
1400 - 1659	98	97	73
1700 - 1959	97	95	75
2000 - 2259	98	93	68
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT WAR- TIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE TO BE POSSIBLE AT LEAST <u>91</u> % OR MORE OF THE TIME</p>			

WARTIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE VII CORPS FORWARD AREAS DURING JUN

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT WARTIME CLOSE AIR SUPPORT AND AIR RE- CONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 249 METERS	BETWEEN 250 - 499 METERS	ABOVE 500 METERS
2300 - 0159	94	86	62
0200 - 0459	83	73	56
0500 - 0759	80	74	60
0800 - 1059	95	91	60
1100 - 1359	98	96	66
1400 - 1659	99	96	72
1700 - 1959	98	95	73
2000 - 2259	97	91	68
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT WARTIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE TO BE POSSIBLE AT LEAST <u>91</u> % OR MORE OF THE TIME.</p>			

WARTIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE VII CORPS FORWARD AREAS DURING JUL

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT WARTIME CLOSE AIR SUPPORT AND AIR RE- CONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 249 METERS	BETWEEN 250 - 499 METERS	ABOVE 500 METERS
2300 - 0159	97	90	59
0200 - 0459	89	77	57
0500 - 0759	77	75	58
0800 - 1059	94	91	60
1100 - 1359	99	96	65
1400 - 1659	99	97	73
1700 - 1959	99	96	74
2000 - 2259	97	94	66
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT WAR- TIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE TO BE POSSIBLE AT LEAST <u>91</u> % OR MORE OF THE TIME.</p>			

WARTIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE VII CORPS FORWARD AREAS DURING AUG

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT WARTIME CLOSE AIR SUPPORT AND AIR RE- CONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 249 METERS	BETWEEN 250 - 499 METERS	ABOVE 500 METERS
2300 - 0159	95	83	69
0200 - 0459	86	72	64
0500 - 0759	67	65	63
0800 - 1059	86	86	64
1100 - 1359	97	95	70
1400 - 1659	97	96	76
1700 - 1959	98	95	77
2000 - 2259	97	91	73
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT WAR- TIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE TO BE POSSIBLE AT LEAST <u>86</u> % OR MORE OF THE TIME.</p>			

WARTIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE VII CORPS FORWARD AREAS DURING SEP

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT WARTIME CLOSE AIR SUPPORT AND AIR RE- CONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 249 METERS	BETWEEN 250 - 499 METERS	ABOVE 500 METERS
2300 - 0159	89	72	53
0200 - 0459	76	64	51
0500 - 0759	54	53	53
0800 - 1059	75	73	56
1100 - 1359	93	91	64
1400 - 1659	96	94	70
1700 - 1959	96	89	68
2000 - 2259	96	85	62
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT WAR- TIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE TO BE POSSIBLE AT LEAST <u>73</u> % OR MORE OF THE TIME.</p>			

WARTIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE VII CORPS FORWARD AREAS DURING OCT

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT WARTIME CLOSE AIR SUPPORT AND AIR RE- CONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 249 METERS	BETWEEN 250 - 499 METERS	ABOVE 500 METERS
2300 - 0159	76	58	46
0200 - 0459	68	53	46
0500 - 0759	47	47	48
0800 - 1059	57	60	49
1100 - 1359	82	81	56
1400 - 1659	88	83	59
1700 - 1959	80	76	55
2000 - 2259	81	69	49
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT WAR- TIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE TO BE POSSIBLE AT LEAST <u>60</u> % OR MORE OF THE TIME.</p>			

WARTIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE VII CORPS FORWARD AREAS DURING NOV

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT WARTIME CLOSE AIR SUPPORT AND AIR RE- CONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 249 METERS	BETWEEN 250 - 499 METERS	ABOVE 500 METERS
2300 - 0159	74	58	39
0200 - 0459	74	56	36
0500 - 0759	65	55	40
0800 - 1059	67	54	39
1100 - 1359	78	69	42
1400 - 1659	81	72	43
1700 - 1959	80	66	41
2000 - 2259	82	62	39
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT WAR- TIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE TO BE POSSIBLE AT LEAST <u>54</u> % OR MORE OF THE TIME.</p>			

WARTIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE VII CORPS FORWARD AREAS DURING DEC

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT WARTIME CLOSE AIR SUPPORT AND AIR RE- CONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 249 METERS	BETWEEN 250 - 499 METERS	ABOVE 500 METERS
2300 - 0159	73	61	34
0200 - 0459	73	59	34
0500 - 0759	71	61	37
0800 - 1059	72	57	38
1100 - 1359	77	68	40
1400 - 1659	79	71	41
1700 - 1959	78	67	42
2000 - 2259	80	66	37
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT WAR- TIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE TO BE POSSIBLE AT LEAST <u>57</u> % OR MORE OF THE TIME.</p>			

PART 2

SECTION D

PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE

THIS SECTION OUTLINES THE PERCENTAGES OF TIME THAT CLOSE AIR SUPPORT AND AIR RECONNAISSANCE FLIGHTS CAN BE EXPECTED BY AIR FORCE AIRCRAFT. THE DATA REFER ONLY TO VISUAL FLYING POSSIBILITIES AND HAVE NOTHING TO DO WITH AVAILABILITY OF AIRCRAFT, ETC. MINIMA USED ARE CLOUD CEILINGS GREATER THAN OR EQUAL TO 2000 FEET AND VISIBILITIES GREATER THAN OR EQUAL TO 5 NM. THESE CRITERIA ARE ESTABLISHED FOR PEACETIME OPERATIONS AND NORMALLY DO NOT CHANGE.

CERTAIN TACTICAL AIRCRAFT ARE ELECTRONICALLY EQUIPPED TO OPERATE IN CONDITIONS REGARDLESS OF CLOUD CEILINGS AND VISIBILITIES. FLIGHTS OF THIS NATURE ARE RARELY AUTHORIZED IN PEACETIME. DATA IN THIS SECTION DO NOT APPLY TO THIS TYPE OF AIRCRAFT.

PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE IN VII CORPS FORWARD AREAS DURING JAN

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS, FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	46	21	32
0200 - 0459	44	21	34
0500 - 0759	34	22	34
0800 - 1059	33	22	35
1100 - 1359	41	30	37
1400 - 1659	49	36	35
1700 - 1959	39	26	34
2000 - 2259	41	26	25
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE AT LEAST <u>22</u> % OR MORE OF THE TIME.</p>			

PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE IN VII CORPS FORWARD AREAS DURING FEB

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	45	30	33
0200 - 0459	46	27	38
0500 - 0759	34	25	37
0800 - 1059	34	25	38
1100 - 1359	51	41	39
1400 - 1659	61	51	39
1700 - 1959	50	43	40
2000 - 2259	49	37	36
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE AT LEAST <u>25</u> % OR MORE OF THE TIME.</p>			

PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE IN VII CORPS FORWARD AREAS DURING MAR

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS, FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	65	49	35
0200 - 0459	57	44	36
0500 - 0759	42	32	36
0800 - 1059	48	39	38
1100 - 1359	69	60	40
1400 - 1659	79	68	42
1700 - 1959	71	60	43
2000 - 2259	66	56	39
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE AT LEAST <u>39</u> % OR MORE OF THE TIME.</p>			

PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE IN VII CORPS FORWARD AREAS DURING APR

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	79	59	40
0200 - 0459	76	49	40
0500 - 0759	53	37	39
0800 - 1059	67	55	38
1100 - 1359	84	74	41
1400 - 1659	91	79	45
1700 - 1959	89	77	50
2000 - 2259	67	72	46
EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE AT LEAST <u>55</u> % OR MORE OF THE TIME.			

PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE IN VII CORPS FORWARD AREAS DURING MAY

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	85	69	55
0200 - 0459	72	52	52
0500 - 0759	61	49	56
0800 - 1059	80	72	54
1100 - 1359	89	84	55
1400 - 1659	93	87	62
1700 - 1959	93	85	67
2000 - 2259	88	78	60
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE AT LEAST <u>72</u> % OR MORE OF THE TIME.</p>			

PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE IN VII CORPS FORWARD AREA DURING JUN

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	78	64	54
0200 - 0459	61	42	49
0500 - 0759	57	43	52
0800 - 1059	80	71	48
1100 - 1359	92	85	50
1400 - 1659	95	88	58
1700 - 1959	93	86	66
2000 - 2259	85	75	58
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE AT LEAST <u>71</u> % OR MORE OF THE TIME.</p>			

PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE IN VII CORPS FORWARD AREAS DURING JUL

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	84	70	48
0200 - 0459	68	49	45
0500 - 0759	51	45	50
0800 - 1059	77	69	47
1100 - 1359	90	84	50
1400 - 1659	94	88	61
1700 - 1959	94	87	66
2000 - 2259	85	76	54
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0600 HOURS. YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE AT LEAST <u>69</u> % OR MORE OF THE TIME.</p>			

PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE IN VII CORPS FORWARD AREAS DURING

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER EACH COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT OR AN AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	81	61	58
0200 - 0459	67	46	56
0500 - 0759	43	37	54
0800 - 1059	60	63	53
1100 - 1359	87	80	56
1400 - 1659	92	86	63
1700 - 1959	92	84	66
2000 - 2259	85	74	64
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE AT LEAST <u>63</u> % OR MORE OF THE TIME.</p>			

PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE IN VII CORPS FORWARD AREAS DURING SEP

HOURS OF THE DAY LOCAL TIMES	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS, FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	68	49	40
0100 - 0459	55	39	42
0500 - 0759	39	30	43
0800 - 1059	52	48	46
1100 - 1359	78	73	49
1400 - 1659	88	81	56
1700 - 1959	80	72	54
2000 - 2259	76	62	50
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE AT LEAST <u>48</u> % OR MORE OF THE TIME.</p>			

PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE IN VII CORPS FORWARD AREAS DURING OCT

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	53	35	40
0200 - 0459	45	29	43
0500 - 0759	28	23	42
0800 - 1059	35	31	42
1100 - 1359	57	53	48
1400 - 1659	67	62	49
1700 - 1959	55	48	46
2000 - 2259	55	39	43
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE AT LEAST <u>31</u> % OR MORE OF THE TIME.</p>			

PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE IN VII CORPS FORWARD AREAS DURING NOV

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS, FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	57	32	34
0200 - 0459	57	29	33
0500 - 0759	41	29	34
0800 - 1059	43	30	34
1100 - 1359	56	41	34
1400 - 1659	61	46	37
1700 - 1959	56	39	35
2000 - 2259	62	36	35
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE AT LEAST <u>30 %</u> OR MORE OF THE TIME.</p>			

PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE IN VII CORPS FORWARD AREAS DURING DEC

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL		
	DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT AND AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
2300 - 0159	50	34	30
0200 - 0459	53	33	31
0500 - 0759	43	32	32
0800 - 1059	46	32	33
1100 - 1359	51	40	35
1400 - 1659	55	45	36
1700 - 1959	50	39	36
2000 - 2259	52	38	34
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND THE LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT PEACETIME CLOSE AIR SUPPORT/AIR RECONNAISSANCE OPERATIONS TO BE POSSIBLE AT LEAST <u>32 %</u> OR MORE OF THE TIME.</p>			

PART 3

GROUND OBSCURATION

A PRIMARY CONCERN OF FIELD COMMANDERS IS DETECTION FROM THE AIR BY ENEMY AIRCRAFT. PERCENTAGES IN THIS SECTION ARE DESIGNED TO ALERT COMMANDERS TO THOSE PERIODS WHEN THEIR FORCES ARE MORE SUSCEPTIBLE TO VISUAL DETECTION BY OVERFLYING ENEMY AIRCRAFT. IT IS BASED ON THE PERCENT OF TIME WHEN THERE IS NOT 4/8 OR MORE OF CLOUD OR OBSCURATION AT OR BELOW 500 FT.

INFORMATION HERE APPLIES TO DETECTION BY VISUAL MEANS ONLY. IT DOES NOT APPLY IN ANY WAY TO OVERFLYING AIRCRAFT POSSESSING ELECTRONIC DETECTION EQUIPMENT SUCH AS INFRARED AND RADAR.

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GROUND OBSCURATION IN VII CORP'S FORWARD AREAS DURING JAN

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR BY ENEMY AIRCRAFT DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300 - 599 METERS	ABOVE 600 METERS
2300 - 0159	91	85	88
0200 - 0459	91	85	89
0500 - 0759	92	84	88
0800 - 1059	91	83	87
1100 - 1359	92	87	85
1400 - 1659	94	88	84
1700 - 1959	94	87	88
2000 - 2259	94	86	90
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE DETECTED BY OVERFLYING ENEMY AIRCRAFT AT LEAST <u>83</u> % OR MORE OF THE TIME.</p>			

GROUND OBSCURATION IN VII CORPS FORWARD AREAS DURING FEB

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR BY ENEMY AIRCRAFT DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300 - 599 METERS	ABOVE 600 METERS
2300 - 0159	93	88	90
0200 - 0459	94	87	89
0500 - 0759	93	86	89
0800 - 1059	92	85	87
1100 - 1359	94	90	87
1400 - 1659	97	92	87
1700 - 1959	96	90	89
2000 - 2259	95	89	91
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE DETECTED BY OVERFLYING ENEMY AIRCRAFT AT LEAST <u>85</u> % OR MORE OF THE TIME.</p>			

GROUND OBSCURATION IN VII CORPS FORWARD AREAS DURING MAR

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL		
	DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR BY ENEMY AIRCRAFT DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300 - 599 METERS	ABOVE 600 METERS
2300 - 0159	99	93	89
0200 - 0459	98	92	88
0500 - 0759	97	91	89
0800 - 1059	96	91	86
1100 - 1359	98	95	82
1400 - 1659	98	96	84
1700 - 1959	99	95	88
2000 - 2259	99	94	90
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE DETECTED BY OVERFLYING ENEMY AIRCRAFT AT LEAST <u>91</u> % OR MORE OF THE TIME.</p>			

GROUND OBSCURATION IN VII CORPS FORWARD AREAS DURING APR

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR BY ENEMY AIRCRAFT DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300 - 599 METERS	ABOVE 600 METERS
2300 - 0159	100	96	91
0200 - 0459	97	94	91
0500 - 0759	96	92	92
0800 - 1059	98	94	83
1100 - 1359	99	96	81
1400 - 1659	99	97	83
1700 - 1959	99	96	86
2000 - 2259	100	96	90
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE DETECTED BY OVERFLYING ENEMY AIRCRAFT AT LEAST <u>94</u> % OR MORE OF THE TIME.</p>			

GROUND OBSCURATION IN VII CORPS FORWARD AREAS DURING MAY

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL		
	DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR BY ENEMY AIRCRAFT DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300 - 599 METERS	ABOVE 600 METERS
2300 - 0159	99	97	97
0200 - 0459	97	96	95
0500 - 0759	97	95	93
0800 - 1059	98	97	86
1100 - 1359	99	98	87
1400 - 1659	99	99	89
1700 - 1959	99	98	90
2000 - 2259	99	98	92
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE DETECTED BY OVERFLYING ENEMY AIRCRAFT AT LEAST <u>97</u> % OR MORE OF THE TIME.</p>			

GROUND OBSCURATION IN VII CORPS FORWARD AREAS DURING JUN

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR BY ENEMY AIRCRAFT DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300 - 599 METERS	ABOVE 600 METERS
2300 - 0159	99	97	94
0200 - 0459	97	96	92
0500 - 0759	96	93	91
0800 - 1059	99	97	82
1100 - 1359	100	98	85
1400 - 1659	99	99	85
1700 - 1959	99	98	89
2000 - 2259	99	98	93
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE DETECTED BY OVERFLYING ENEMY AIRCRAFT AT LEAST <u>97</u> % OR MORE OF THE TIME.</p>			

GROUND OBSCURATION IN VII CORPS FORWARD AREAS DURING JUL

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR BY ENEMY AIRCRAFT DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300 - 599 METERS	ABOVE 600 METERS
2300 - 0159	99	98	92
0200 - 0459	99	97	91
0500 - 0759	96	94	90
0800 - 1059	98	97	85
1100 - 1359	99	98	86
1400 - 1659	98	98	87
1700 - 1959	99	98	90
2000 - 2259	100	98	93

EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE DETECTED BY OVERFLYING ENEMY AIRCRAFT AT LEAST 97 % OR MORE OF THE TIME.

GROUND OBSCURATION IN VII CORPS FORWARD AREAS DURING AUG

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR BY ENEMY AIRCRAFT DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300 - 599 METERS	ABOVE 600 METERS
2300 - 0159	98	97	96
0200 - 0459	97	95	94
0500 - 0759	95	93	93
0800 - 1059	97	95	87
1100 - 1359	99	98	87
1400 - 1659	99	98	89
1700 - 1959	99	98	92
2000 - 2259	99	98	94
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE DETECTED BY OVERFLYING ENEMY AIRCRAFT AT LEAST <u>95</u> % OR MORE OF THE TIME.</p>			

GROUND OBSCURATION IN VII CORPS FORWARD AREAS DURING SEP

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR BY ENEMY AIRCRAFT DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300 - 599 METERS	ABOVE 600 METERS
2300 - 0159	99	96	93
0200 - 0459	98	94	93
0500 - 0759	94	92	93
0800 - 1059	95	92	86
1100 - 1359	98	98	87
1400 - 1659	99	98	89
1700 - 1959	99	97	91
2000 - 2259	99	97	93
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE DETECTED BY OVERFLYING ENEMY AIRCRAFT AT LEAST <u>92</u> % OR MORE OF THE TIME.</p>			

GROUND OBSCURATION IN VII CORPS FORWARD AREAS DURING OCT

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR BY ENEMY AIRCRAFT DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300 - 599 METERS	ABOVE 600 METERS
2300 - 0159	94	91	93
0200 - 0459	92	89	92
0500 - 0759	90	87	91
0800 - 1059	89	85	87
1100 - 1359	93	91	85
1400 - 1659	97	94	87
1700 - 1959	98	94	91
2000 - 2259	95	93	92
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE DETECTED BY OVERFLYING ENEMY AIRCRAFT AT LEAST <u>85</u> % OR MORE OF THE TIME.</p>			

GROUND OBSCURATION IN VII CORPS FORWARD AREAS DURING NOV

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR BY ENEMY AIRCRAFT DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300 - 599 METERS	ABOVE 600 METERS
2300 - 0159	94	87	93
0200 - 0459	92	86	92
0500 - 0759	91	87	89
0800 - 1059	91	85	86
1100 - 1359	94	88	84
1400 - 1659	95	90	87
1700 - 1959	95	90	88
2000 - 2259	95	89	91
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE DETECTED BY OVERFLYING ENEMY AIRCRAFT AT LEAST <u>85</u> % OR MORE OF THE TIME.</p>			

GROUND OBSCURATION IN VII CORPS FORWARD AREAS DURING DEC

HOURS OF THE DAY (LOCAL TIMES)	GROUND ELEVATION ABOVE SEA LEVEL DETERMINE YOUR ELEVATION FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME THAT YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR BY ENEMY AIRCRAFT DURING THE TIMES SHOWN IN THE LEFT COLUMN.		
	UP TO 299 METERS	BETWEEN 300 - 599 METERS	ABOVE 600 METERS
2300 - 0159	90	87	88
0200 - 0459	92	86	89
0500 - 0759	92	85	88
0800 - 1059	92	85	88
1100 - 1359	93	88	87
1400 - 1659	95	89	86
1700 - 1959	96	89	88
2000 - 2259	94	89	89
<p>EXAMPLE: YOUR GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE DETECTED BY OVERFLYING ENEMY AIRCRAFT AT LEAST <u>85</u> % OR MORE OF THE TIME.</p>			

PART 4

PARA-DROP, CHEMICAL OPERATIONS, AND VISUAL HIGH LEVEL BOMBING

THIS CHART SHOWS THE MEAN NUMBER OF DAYS FOR EACH MONTH OF THE YEAR THAT THESE OPERATIONS CAN BE EXPECTED TO BE FAVORABLY EXECUTED IN VII CORPS FORWARD AREAS. IT IS DESIGNED TO PROVIDE GENERAL INDICATIONS AS TO WHETHER OR NOT WEATHER CONDITIONS DURING THE MONTHS INDICATED WILL PRECLUDE SUCH OPERATIONS.

PARA-DROP REFERS TO PERSONNEL ONLY AND IS BASED ON CLOUD CEILINGS GREATER THAN OR EQUAL TO 1250 FEET AND VISIBILITIES GREATER THAN OR EQUAL TO 2 1/2 NM, AND SURFACE WINDS 13 KNOTS OR LESS. CHEMICAL CRITERIA IS BASED ON SURFACE WIND SPEEDS OF 4 - 10 KNOTS, TEMPERATURES 33 - 80 DEGREES FAHRENHEIT, AND NO PRECIPITATION OCCURRING.

HIGH LEVEL BOMBING CRITERIA ARE BASED ON SKY COVER LESS THAN OR EQUAL TO 4/8 AND VISIBILITIES EQUAL TO OR GREATER THAN 2 1/2 NM.

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PARA-DROP, CHEMICAL OPERATIONS
 AND
 HIGH LEVEL BOMBING IN VII CORPS FORWARD AREAS DURING JAN

HOURS OF THE DAY (LOCAL TIMES)	DETERMINE THE TYPE OF OPERATION YOU ARE INTERESTED IN. THE FIGURES UNDER THAT COLUMN SHOW THE NUMBER OF DAYS THAT YOU CAN EXPECT TO BE FAVORABLE FOR THAT OPERATION DURING THE TIMES OF DAY SHOWN IN THE LEFT COLUMN.		
	PARA - DROP	CHEMICAL OPERATIONS	VISUAL HIGH LEVEL BOMBING
2300 - 0159	12	3	4
0200 - 0459	12	3	4
0500 - 0759	13	3	4
0800 - 1059	12	3	3
1100 - 1359	15	5	4
1400 - 1659	16	5	4
1700 - 1959	14	4	4
2000 - 2259	12	3	4
NOTE: HIGHER ELEVATIONS WILL AVERAGE 25-50% FEWER DAYS.			

PARA-DROP, CHEMICAL OPERATIONS
 AND
 HIGH LEVEL BOMBING IN VII CORPS FORWARD AREAS DURING FEB

HOURS OF THE DAY (LOCAL TIMES)	DETERMINE THE TYPE OF OPERATION YOU ARE INTERESTED IN. THE FIGURES UNDER THAT COLUMN SHOW THE NUMBER OF DAYS THAT YOU CAN EXPECT TO BE FAVORABLE FOR THAT OPERATION DURING THE TIMES OF DAY SHOWN IN THE LEFT COLUMN.		
	PARA - DROP	CHEMICAL OPERATIONS	VISUAL HIGH LEVEL BOMBING
2300 - 0159	15	3	6
0200 - 0459	13	3	5
0500 - 0759	14	3	5
0800 - 1059	13	4	5
1100 - 1359	18	7	6
1400 - 1659	20	8	6
1700 - 1959	16	5	7
2000 - 2259	15	4	7

NOTE: HIGHER ELEVATIONS WILL AVERAGE 25-50% FEWER DAYS.

PARA-DROP, CHEMICAL OPERATIONS
AND
HIGH LEVEL BOMBING IN VII CORPS FORWARD AREAS DURING MAR

HOURS OF THE DAY (LOCAL TIMES)	DETERMINE THE TYPE OF OPERATION YOU ARE INTERESTED IN. THE FIGURES UNDER THAT COLUMN SHOW THE NUMBER OF DAYS THAT YOU CAN EXPECT TO BE FAVORABLE FOR THAT OPERATION DURING THE TIMES OF DAY SHOWN IN THE LEFT COLUMN.		
	PARA - DROP	CHEMICAL OPERATIONS	VISUAL HIGH LEVEL BOMBING
2300 - 0159	20	6	11
0200 - 0459	19	5	10
0500 - 0759	16	5	5
0800 - 1059	18	8	6
1100 - 1359	22	12	7
1400 - 1659	24	13	8
1700 - 1959	23	9	9
2000 - 2259	22	7	11
NOTE: HIGHER ELEVATIONS WILL AVERAGE 25-50% FEWER DAYS.			

PARA-DROP, CHEMICAL OPERATIONS
AND
HIGH LEVEL BOMBING IN VII CORPS FORWARD AREAS DURING APR

HOURS OF THE DAY (LOCAL TIMES)	DETERMINE THE TYPE OF OPERATION YOU ARE INTERESTED IN. THE FIGURES UNDER THAT COLUMN SHOW THE NUMBER OF DAYS THAT YOU CAN EXPECT TO BE FAVORABLE FOR THAT OPERATION DURING THE TIMES OF DAY SHOWN IN THE LEFT COLUMN.		
	PARA - DROP	CHEMICAL OPERATIONS	VISUAL HIGH LEVEL BOMBING
2300 - 0159	24	7	12
0200 - 0459	22	6	11
0500 - 0759	18	6	8
0800 - 1059	22	11	9
1100 - 1359	24	13	8
1400 - 1659	25	13	8
1700 - 1959	26	12	10
2000 - 2259	25	8	12
NOTE: HIGHER ELEVATIONS WILL AVERAGE 25-50% FEWER DAYS.			

PARA-DROP, CHEMICAL OPERATIONS
 AND
 HIGH LEVEL BOMBING IN VII CORPS FORWARD AREAS DURING MAY

HOURS OF THE DAY (LOCAL TIMES)	DETERMINE THE TYPE OF OPERATION YOU ARE INTERESTED IN. THE FIGURES UNDER THAT COLUMN SHOW THE NUMBER OF DAYS THAT YOU CAN EXPECT TO BE FAVORABLE FOR THAT OPERATION DURING THE TIMES OF DAY SHOWN IN THE LEFT COLUMN.		
	PARA - DROP	CHEMICAL OPERATIONS	VISUAL HIGH LEVEL BOMBING
2300 - 0159	25	8	15
0200 - 0459	22	8	12
0500 - 0759	21	9	10
0800 - 1059	26	14	13
1100 - 1359	27	16	11
1400 - 1659	27	16	11
1700 - 1959	28	14	13
2000 - 2259	27	9	15

NOTE: HIGHER ELEVATIONS WILL AVERAGE 25-50% FEWER DAYS.

PARA-DROP, CHEMICAL OPERATIONS
AND
HIGH LEVEL BOMBING IN VII CORPS FORWARD AREAS DURING JUN

HOURS OF THE DAY (LOCAL TIMES)	DETERMINE THE TYPE OF OPERATION YOU ARE INTERESTED IN. THE FIGURES UNDER THAT COLUMN SHOW THE NUMBER OF DAYS THAT YOU CAN EXPECT TO BE FAVORABLE FOR THAT OPERATION DURING THE TIMES OF DAY SHOWN IN THE LEFT COLUMN.		
	PARA - DROP	CHEMICAL OPERATIONS	VISUAL HIGH LEVEL BOMBING
2300 - 0159	25	7	14
0200 - 0459	20	7	10
0500 - 0759	21	6	10
0800 - 1059	26	13	11
1100 - 1359	27	15	10
1400 - 1659	27	16	10
1700 - 1959	28	14	12
2000 - 2259	27	9	13
NOTE: HIGHER ELEVATIONS WILL AVERAGE 25-50% FEWER DAYS.			

PARA-DROP, CHEMICAL OPERATIONS
 AND
 HIGH LEVEL BOMBING IN VII CORPS FORWARD AREAS DURING JUL

HOURS OF THE DAY (LOCAL TIMES)	DETERMINE THE TYPE OF OPERATION YOU ARE INTERESTED IN. THE FIGURES UNDER THAT COLUMN SHOW THE NUMBER OF DAYS THAT YOU CAN EXPECT TO BE FAVORABLE FOR THAT OPERATION DURING THE TIMES OF DAY SHOWN IN THE LEFT COLUMN.		
	PARA - DROP	CHEMICAL OPERATIONS	VISUAL HIGH LEVEL BOMBING
2300 - 0159	26	7	14
0200 - 0459	22	8	10
0500 - 0759	21	8	9
0800 - 1059	26	14	10
1100 - 1359	27	15	9
1400 - 1659	28	16	10
1700 - 1959	28	14	12
2000 - 2259	27	7	13

NOTE: HIGHER ELEVATIONS WILL AVERAGE 25-50% FEWER DAYS.

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CLIMATOLOGY TABLES FOR VII CORPS FORWARD AREAS. (U)
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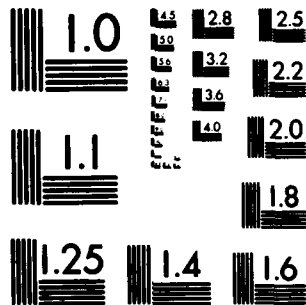
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PARA-DROP, CHEMICAL OPERATIONS
AND
HIGH LEVEL BOMBING IN VII CORPS FORWARD AREAS DURING AUG

HOURS OF THE DAY (LOCAL TIMES)	DETERMINE THE TYPE OF OPERATION YOU ARE INTERESTED IN. THE FIGURES UNDER THAT COLUMN SHOW THE NUMBER OF DAYS THAT YOU CAN EXPECT TO BE FAVORABLE FOR THAT OPERATION DURING THE TIMES OF DAY SHOWN IN THE LEFT COLUMN.		
	PARA - DROP	CHEMICAL OPERATIONS	VISUAL HIGH LEVEL BOMBING
2300 - 0159	25	6	16
0200 - 0459	21	6	13
0500 - 0759	19	7	10
0800 - 1059	25	12	13
1100 - 1359	27	16	12
1400 - 1659	28	16	12
1700 - 1959	26	12	13
2000 - 2259	27	7	17

NOTE: HIGHER ELEVATIONS WILL AVERAGE 25-50% FEWER DAYS.

PARA-DROP, CHEMICAL OPERATIONS
 AND
 HIGH LEVEL BOMBING IN VII CORPS FORWARD AREAS DURING SEP

HOURS OF THE DAY (LOCAL TIMES)	DETERMINE THE TYPE OF OPERATION YOU ARE INTERESTED IN. THE FIGURES UNDER THAT COLUMN SHOW THE NUMBER OF DAYS THAT YOU CAN EXPECT TO BE FAVORABLE FOR THAT OPERATION DURING THE TIMES OF DAY SHOWN IN THE LEFT COLUMN.		
	PARA - DROP	CHEMICAL OPERATIONS	VISUAL HIGH LEVEL BOMBING
2300 - 0159	21	7	11
0200 - 0459	18	8	9
0500 - 0759	15	8	6
0800 - 1059	20	11	9
1100 - 1359	26	14	11
1400 - 1659	27	15	12
1700 - 1959	26	10	12
2000 - 2259	25	8	13

NOTE: HIGHER ELEVATIONS WILL AVERAGE 25-50% FEWER DAYS.

PARA-DROP, CHEMICAL OPERATIONS
 AND
 HIGH LEVEL BOMBING IN VII CORPS FORWARD AREAS DURING OCT

HOURS OF THE DAY (LOCAL TIMES)	DETERMINE THE TYPE OF OPERATION YOU ARE INTERESTED IN. THE FIGURES UNDER THAT COLUMN SHOW THE NUMBER OF DAYS THAT YOU CAN EXPECT TO BE FAVORABLE FOR THAT OPERATION DURING THE TIMES OF DAY SHOWN IN THE LEFT COLUMN.		
	PARA - DROP	CHEMICAL OPERATIONS	VISUAL HIGH LEVEL BOMBING
2300 - 0159	16	8	7
0200 - 0459	14	8	5
0500 - 0759	13	7	4
0800 - 1059	15	10	5
1100 - 1359	21	12	7
1400 - 1659	23	12	9
1700 - 1959	21	9	9
2000 - 2259	18	9	9
NOTE: HIGHER ELEVATIONS WILL AVERAGE 25-50% FEWER DAYS.			

PARA-DROP, CHEMICAL OPERATIONS
 AND
 HIGH LEVEL BOMBING IN VII CORPS FORWARD AREAS DURING NOV

HOURS OF THE DAY (LOCAL TIMES)	DETERMINE THE TYPE OF OPERATION YOU ARE INTERESTED IN. THE FIGURES UNDER THAT COLUMN SHOW THE NUMBER OF DAYS THAT YOU CAN EXPECT TO BE FAVORABLE FOR THAT OPERATION DURING THE TIMES OF DAY SHOWN IN THE LEFT COLUMN.		
	PARA - DROP	CHEMICAL OPERATIONS	VISUAL HIGH LEVEL BOMBING
2300 - 0159	13	7	6
0200 - 0459	14	6	5
0500 - 0759	14	6	4
0800 - 1059	14	7	4
1100 - 1359	17	9	4
1400 - 1659	19	9	5
1700 - 1959	18	7	6
2000 - 2259	16	6	6

NOTE: HIGHER ELEVATIONS WILL AVERAGE 25-50% FEWER DAYS.

PARA-DROP, CHEMICAL OPERATIONS
 AND
 HIGH LEVEL BOMBING IN VII CORPS FORWARD AREAS DURING DEC

HOURS OF THE DAY (LOCAL TIMES)	DETERMINE THE TYPE OF OPERATION YOU ARE INTERESTED IN. THE FIGURES UNDER THAT COLUMN SHOW THE NUMBER OF DAYS THAT YOU CAN EXPECT TO BE FAVORABLE FOR THAT OPERATION DURING THE TIMES OF DAY SHOWN IN THE LEFT COLUMN.		
	PARA - DROP	CHEMICAL OPERATIONS	VISUAL HIGH LEVEL BOMBING
2300 - 0159	15	4	5
0200 - 0459	14	4	5
0500 - 0759	15	4	5
0800 - 1059	14	4	4
1100 - 1359	17	6	5
1400 - 1659	18	6	5
1700 - 1959	17	4	6
2000 - 2259	16	4	5
NOTE: HIGHER ELEVATIONS WILL AVERAGE 25-50% FEWER DAYS.			

PART 5

GALE WINDS

THIS PART PROVIDES STATISTICS ON THE MEAN NUMBER OF DAYS PER MONTH THAT GALE WINDS CAN BE EXPECTED AT VARIOUS ELEVATIONS. GALE WINDS ARE SURFACE WINDS THAT EXCEED 34 KNOTS IN SPEED.

AS CAN BE EXPECTED, WINDS GENERALLY INCREASE WITH HEIGHT. NOTE TOO THAT THE HIGHEST PERCENTAGES OF GALE WINDS OCCUR IN THE WINTER.

GALE WINDS FOR VII CORPS FORWARD AREAS

MONTH	MEAN NUMBER OF DAYS WITH GALE FORCE WINDS (> 34 KNOTS)		
	UP TO 299 METERS	BETWEEN 300 - 599 METERS	ABOVE 600 METERS
JAN	0	0	3
FEB	0	0	2
MAR	0	0	2
APR	0	0	2
MAY	0	0	*
JUN	0	0	1
JUL	0	0	1
AUG	0	0	1
SEP	0	0	2
OCT	0	0	3
NOV	0	0	4
DEC	0	0	5

*INDICATES LESS THAN ONE DAY A MONTH

NOTE: EXPOSED MOUNTAIN PEAKS WILL EXPERIENCE SIGNIFICANTLY MORE DAYS (UP TO DOUBLE) OF GALE FORCE WINDS.

PART 6

SNOW DEPTHS

THIS CHART PROVIDES A GOOD IDEA OF WHAT DEPTHS OF SNOW CAN BE EXPECTED IN VII CORPS FORWARD AREAS DURING THE SNOW SEASON. THREE CATEGORIES OF DEPTH ARE GIVEN: 1 INCH OR MORE; 6 INCHES OR MORE; AND 10 INCHES OR MORE.

STATISTICS SHOWN ARE FOR THE INTERMEDIATE ELEVATIONS AND REFLECT THE MEAN NUMBER OF DAYS PER MONTH THAT SPECIFIED DEPTHS ARE EXPECTED TO OCCUR.

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SNOW DEPTH FOR VII CORPS FORWARD AREAS

MONTH	MEAN NUMBER OF DAYS WITH SPECIFIED SNOW DEPTHS		
	1.0 IN. OR MORE	6.0 IN. OR MORE	10.0 IN. OR MORE
JAN	18	6	1
FEB	13	4	1
MAR	5	1	*
APR	1	0	0
MAY	*	0	0
JUN	0	0	0
JUL	0	0	0
AUG	0	0	0
SEP	0	0	0
OCT	*	0	0
NOV	2	*	0
DEC	11	1	*

*LESS THAN ONE DAY A MONTH

NOTE: SNOW DEPTHS SHOWN ABOVE ARE FOR ELEVATIONS BETWEEN 300 AND 599 METERS. LOWER ELEVATIONS WILL HAVE FEWER DAYS AND HIGHER ELEVATIONS WILL HAVE MORE DAYS THAN SHOWN

PART 7

MEAN MONTHLY TEMPERATURES

TEMPERATURES LISTED IN THIS PART ARE THE MEAN MAXIMUM AND MINIMUM DAILY TEMPERATURES THAT CAN BE EXPECTED FOR THE MONTHS OF THE YEAR. DEGREES ARE GIVEN IN FAHRENHEIT FOR INTERMEDIATE ELEVATIONS. SEE THE NOTE AT THE BOTTOM OF THE TEMPERATURE CHART FOR INFORMATION CONCERNING HIGHER AND LOWER ELEVATION TEMPERATURES.

IT MUST BE REMEMBERED THAT THESE DAILY MAX AND MIN TEMPERATURES ARE THE MEAN TEMPERATURES THAT OCCUR UNDER NORMAL WINTER/SPRING/SUMMER/FALL CONDITIONS. ABNORMAL WEATHER SYSTEMS OCCUR OFTEN THROUGHOUT THE YEAR AND CAN CAUSE CONSIDERABLE DEVIATION FROM THESE MEANS.

TEMPERATURE CHART FOR VII CORPS FORWARD AREAS

MONTH	TEMPERATURES (°F)	
	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM
JAN	33	24
FEB	37	26
MAR	46	30
APR	56	38
MAY	65	45
JUN	71	51
JUL	74	54
AUG	73	53
SEP	66	48
OCT	56	41
NOV	43	34
DEC	34	27

NOTE: TEMPERATURES INDICATED ABOVE ARE MOST REPRESENTATIVE OF INTERMEDIATE ELEVATIONS (300-599 METERS). FOR ELEVATIONS BELOW 300 METERS ADD 2-4°F AND FOR ELEVATIONS ABOVE 599 METERS SUBTRACT 1½°F PER 100 METERS.

PART 8

WIND CHILL TEMPERATURES

DURING WINTER, TEMPERATURES AND SURFACE WIND COMBINE TO CREATE A WIND CHILL TEMPERATURE. AT ANY GIVEN TEMPERATURE THE WIND CHILL BECOMES INCREASINGLY COLDER AS WINDS INCREASE. UNLESS THIS SITUATION IS RECOGNIZED IN SEVERE CONDITIONS, SERIOUS CASES OF FROSTBITE AND FREEZING FLESH CAN HAPPEN VERY QUICKLY. COMBAT TROOPS ARE VERY SUSCEPTIBLE TO THESE CONDITIONS.

THIS WIND CHILL CHART IS DESIGNED TO ENABLE FIELD PERSONNEL, IN PARTICULAR COMMANDERS AND SUPERVISORY PERSONNEL, TO DETERMINE WIND CHILL TEMPERATURES. BY TAKING PRECAUTIONARY MEASURES AHEAD OF TIME, FIELD PERSONNEL CAN INSURE A FAR GREATER DEGREE OF SAFETY AND COMFORT.

WIND SPEED		AIR TEMPERATURE (°F)																	
		35	30	25	20	15	10	05	0	-05	-10	-15	-20	-25	-30	-35	-40	-45	-50
1-5	1-4	30	25	20	15	10	05	0	-05	-10	-15	-20	-25	-30	-35	-40	-45	-50	-55
6-10	5-9	20	15	10	05	0	-10	-15	-20	-25	-35	-40	-45	-50	-60	-65	-70	-75	-85
11-15	10-13	15	10	0	-05	-10	-20	-25	-30	-40	-45	-50	-60	-65	-70	-80	-85	-90	-100
16-20	14-17	10	05	0	-10	-20	-25	-30	-40	-45	-55	-60	-65	-75	-80	-90	-95	-105	-110
21-25	18-22	10	0	-05	-15	-20	-30	-35	-45	-50	-60	-65	-75	-80	-90	-95	-105	-110	-120
26-30	23-26	05	0	-10	-20	-25	-35	-40	-50	-55	-65	-70	-80	-85	-95	-100	-110	-115	-125
> 30	> 26	05	-05	-10	-20	-30	-35	-40	-50	-60	-65	-75	-80	-90	-100	-105	-115	-120	-130
Greater Wind Speeds add Little Effect		Little Danger				Increasing Danger (Flesh may freeze within 1 min)						Great Danger (Flesh may freeze within 30 sec)							

Equivalent Chill Temperature (°F) as a function of actual Temperature and Wind Speed (Source: AFVA 161-1)

INSTRUCTIONS:

Enter chart with local air temperature and wind speed; intersection gives equivalent chill temperature (i.e., The temperature which would produce the same cooling effect without wind.)

NOTES:

1. Danger zones refer to likelihood of frostbite to exposed flesh. When ECT is below -70°F, freezing may occur in less than 30 seconds.
2. Wind varies with location and must therefore be measured or estimated on site. Artificial wind can also be a problem and danger of frostbite is greatly increased by riding in open vehicles or exposure to prop wash.
3. Clothing selection and its proper use are of great importance. Significant protection is offered by small items such as light gloves and use of a parka hood to shield the face from wind.

PART 9

MONTHLY PRECIPITATION ACCUMULATION

PRECIPITATION (RAIN/SNOW) ACCUMULATION CAN HAVE A SIGNIFICANT IMPACT ON MILITARY OPERATIONS. THE FIGURES ON THIS CHART INDICATE THE AMOUNTS OF PRECIPITATION IN INCHES THAT CAN BE EXPECTED DURING EACH MONTH OF THE YEAR. AS A GENERAL RULE, AMOUNTS IN EXCESS OF ABOUT TWO INCHES GENERALLY MEANS THAT GROUND CONDITIONS ARE MOIST OR WET MOST OF THE TIME EXCEPT IN THE SUMMER WHEN EVAPORATION PROCESSES USUALLY KEEP SOILS DRY.

INCHES OF SNOW DEPTH CAN BE TRANSLATED TO INCHES OF WATER AT THE RATE OF .1 INCH WATER FOR EVERY 1 INCH OF SNOW. TEN INCHES OF SNOW WOULD MELT INTO 1 INCH OF WATER.

GREATER AMOUNTS OF PRECIPITATION WILL FALL AT HIGHER ELEVATIONS, WHERE GROUND CONDITIONS ARE NORMALLY POORER THAN AT LOWER ELEVATIONS. AN EXCEPTION TO THIS IS IN WINTER WHEN GROUND AT HIGHER ELEVATIONS IS OFTEN FROZEN.

PRECIPITATION CHART FOR VII CORPS FORWARD AREAS

MONTH	MEAN MONTHLY PRECIPITATION (INCHES)		
	UP TO 299 METERS	BETWEEN 300-599 METERS	ABOVE 600 METERS
JAN	1.8	2.1*	3.1
FEB	1.6	2.1*	2.6
MAR	1.6	1.8	2.6
APR	1.7	1.9	2.8
MAY	2.1	2.6	3.5
JUN	2.9	3.5*	4.0
JUL	2.8	3.9*	4.3
AUG	2.7	3.1*	4.0
SEP	1.9	2.4*	3.0
OCT	1.9	2.2*	2.9
NOV	1.9	2.0*	2.7
DEC	2.3	2.2*	3.2

*DURING THESE MONTHS THE MEAN PRECIPITATION IN THE CZECHOSLOVAKIAN PORTION OF THE VII CORPS FORWARD AREAS WILL BE 3/4(.75) INCH LESS.

PART 10

LIGHT DATA

THE FOLLOWING LIGHT DATA INFORMATION IS PROVIDED IN THIS PART:

SR: SUNRISE
SS: SUNSET
BMNT: BEGINNING OF MORNING NAUTICAL TWILIGHT
EENT: ENDING OF EVENING NAUTICAL TWILIGHT

TIMES GIVEN ARE LOCAL TIMES AND ARE FOR GRAFENWOHR, WEST GERMANY (49°42'N 11°57'E). THESE STATISTICS ARE VALID YEAR AFTER YEAR AND DO NOT CHANGE. SINCE MOON DATA CHANGES EACH YEAR, IT IS NOT INCLUDED HERE. MOON INFORMATION CAN BE OBTAINED FROM YOUR STAFF WEATHER OFFICER.

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LIGHT DATA FOR VII CORPS FORWARD AREAS
(ALL TIMES ARE LOCAL)

JANUARY				
DAY	SR	SS	BMNT	EENT
1	0810	1622	0651	1741
2	0809	1623	0651	1742
3	0809	1624	0651	1743
4	0809	1625	0651	1744
5	0809	1626	0651	1745
6	0809	1627	0650	1746
7	0808	1629	0650	1747
8	0808	1630	0650	1748
9	0808	1631	0650	1749
10	0807	1632	0649	1750
11	0807	1634	0649	1751
12	0806	1635	0649	1753
13	0806	1637	0648	1754
14	0805	1638	0648	1755
15	0804	1639	0647	1756
16	0803	1641	0647	1757
17	0803	1642	0646	1759
18	0802	1644	0646	1800
19	0801	1645	0645	1801
20	0800	1647	0644	1803
21	0759	1649	0643	1804
22	0758	1650	0643	1805
23	0757	1752	0642	1807
24	0756	1653	0641	1808
25	0755	1655	0640	1810
26	0753	1657	0639	1811
27	0752	1658	0638	1813
28	0751	1700	0637	1814
29	0750	1702	0636	1815
30	0748	1703	0635	1817
31	0747	1705	0634	1818

FEBRUARY				
DAY	SR	SS	BMNT	EENT
1	0746	1707	0632	1820
2	0744	1708	0631	1821
3	0743	1710	0630	1823
4	0741	1712	0629	1824
5	0740	1713	0627	1826
6	0738	1715	0626	1827
7	0737	1717	0625	1829
8	0735	1718	0623	1830
9	0733	1720	0622	1832
10	0732	1722	0620	1834
11	0730	1724	0619	1835
12	0728	1725	0617	1837
13	0727	1727	0616	1838
14	0725	1729	0614	1840
15	0723	1730	0612	1841
16	0721	1732	0611	1843
17	0720	1734	0609	1844
18	0718	1736	0607	1846
19	0716	1737	0606	1848
20	0714	1739	0604	1849
21	0712	1741	0602	1851
22	0710	1742	0600	1852
23	0708	1744	0558	1854
24	0706	1746	0557	1855
25	0704	1747	0555	1857
26	0702	1749	0553	1859
27	0700	1751	0551	1900
28	0658	1752	0549	1902
29	0657	1753	0548	1903

LIGHT DATA FOR VII CORPS FORWARD AREAS
(ALL TIMES ARE LOCAL)

MARCH				
DAY	SR	SS	BMNT	EENT
1	0656	1754	0547	1903
2	0654	1755	0545	1905
3	0652	1757	0543	1907
4	0650	1759	0541	1908
5	0648	1800	0539	1910
6	0646	1802	0537	1911
7	0644	1804	0535	1913
8	0642	1805	0533	1915
9	0640	1807	0531	1916
10	0638	1808	0529	1918
11	0636	1810	0526	1919
12	0633	1812	0524	1921
13	0631	1813	0522	1923
14	0629	1815	0520	1924
15	0627	1816	0518	1926
16	0625	1818	0516	1928
17	0623	1820	0513	1929
18	0621	1821	0511	1931
19	0618	1823	0509	1933
20	0616	1824	0507	1934
21	0614	1826	0504	1936
22	0612	1827	0502	1938
23	0610	1829	0500	1939
24	0608	1831	0458	1941
25	0606	1832	0455	1943
26	0603	1834	0453	1944
27	0601	1835	0451	1946
28	0559	1837	0448	1948
29	0557	1838	0446	1949
30	0555	1840	0444	1951
31	0553	1841	0441	1953

APRIL				
DAY	SR	SS	BMNT	EENT
1	0550	1843	0439	1955
2	0548	1845	0437	1957
3	0546	1846	0434	1958
4	0544	1848	0432	2000
5	0542	1849	0430	2002
6	0540	1851	0427	2004
7	0538	1852	0425	2005
8	0536	1854	0422	2007
9	0533	1855	0420	2009
10	0531	1857	0418	2011
11	0529	1858	0415	2013
12	0527	1900	0413	2015
13	0525	1902	0411	2017
14	0523	1903	0408	2018
15	0521	1905	0406	2020
16	0519	1906	0403	2022
17	0517	1908	0401	2024
18	0515	1909	0359	2026
19	0513	1911	0356	2028
20	0511	1912	0354	2030
21	0509	1914	0352	2032
22	0507	1915	0349	2034
23	0505	1917	0347	2036
24	0503	1918	0344	2038
25	0501	1920	0342	2040
26	0500	1922	0340	2042
27	0458	1923	0337	2044
28	0456	1925	0335	2046
29	0454	1926	0333	2048
30	0452	1928	0331	2050

LIGHT DATA FOR VII CORPS FORWARD AREAS
(ALL TIMES ARE LOCAL)

MAY				
DAY	SR	SS	BMNT	EENT
1	0450	1929	0328	2052
2	0449	1931	0326	2054
3	0447	1932	0324	2056
4	0445	1934	0321	2058
5	0444	1935	0319	2100
6	0442	1937	0317	2102
7	0440	1938	0315	2104
8	0439	1940	0313	2106
9	0437	1941	0310	2108
10	0435	1943	0308	2110
11	0434	1944	0306	2113
12	0432	1945	0304	2115
13	0431	1947	0302	2117
14	0430	1948	0300	2119
15	0428	1950	0258	2121
16	0427	1951	0256	2123
17	0425	1952	0254	2125
18	0424	1954	0252	2127
19	0423	1955	0250	2129
20	0422	1956	0248	2131
21	0420	1958	0246	2133
22	0419	1959	0244	2135
23	0418	2000	0243	2137
24	0417	2002	0241	2138
25	0416	2003	0239	2140
26	0415	2004	0237	2142
27	0414	2005	0236	2144
28	0413	2006	0234	2146
29	0412	2007	0233	2147
30	0411	2008	0231	2149
31	0411	2010	0230	2151

JUNE				
DAY	SR	SS	BMNT	EENT
1	0410	2011	0229	2152
2	0409	2012	0227	2154
3	0408	2013	0226	2156
4	0408	2013	0225	2157
5	0407	2014	0224	2158
6	0407	2015	0223	2200
7	0406	2016	0222	2201
8	0406	2017	0221	2202
9	0405	2018	0220	2204
10	0405	2018	0219	2205
11	0405	2019	0218	2206
12	0404	2020	0218	2207
13	0404	2020	0217	2208
14	0404	2021	0217	2208
15	0404	2021	0216	2209
16	0404	2022	0216	2210
17	0404	2022	0216	2210
18	0404	2023	0216	2211
19	0404	2023	0216	2211
20	0404	2023	0216	2212
21	0404	2023	0216	2212
22	0404	2024	0216	2212
23	0405	2024	0216	2212
24	0405	2024	0217	2212
25	0405	2024	0217	2212
26	0406	2024	0217	2212
27	0406	2024	0218	2212
28	0406	2024	0219	2211
29	0407	2024	0220	2211
30	0408	2024	0220	2210

LIGHT DATA FOR VII CORPS FORWARD AREAS
(ALL TIMES ARE LOCAL)

JULY				
DAY	SR	SS	BMNT	EENT
1	0408	2023	0221	2210
2	0409	2023	0222	2209
3	0409	2023	0223	2208
4	0410	2022	0224	2208
5	0411	2022	0226	2207
6	0412	2021	0227	2206
7	0413	2021	0228	2205
8	0413	2020	0229	2204
9	0414	2020	0231	2203
10	0415	2019	0232	2201
11	0416	2018	0234	2200
12	0417	2018	0235	2159
13	0418	2017	0237	2157
14	0419	2016	0239	2156
15	0420	2015	0240	2154
16	0421	2014	0242	2153
17	0422	2013	0244	2151
18	0424	2012	0246	2150
19	0425	2011	0247	2148
20	0426	2010	0249	2146
21	0427	2009	0251	2144
22	0428	2008	0253	2143
23	0430	2007	0255	2141
24	0431	2005	0257	2139
25	0432	2004	0259	2137
26	0434	2003	0301	2135
27	0435	2002	0303	2133
28	0436	2000	0305	2131
29	0438	1959	0307	2129
30	0439	1957	0309	2127
31	0440	1956	0311	2125

AUGUST				
DAY	SR	SS	BMNT	EENT
1	0442	1954	0313	2123
2	0443	1953	0315	2121
3	0444	1951	0317	2119
4	0446	1950	0319	2116
5	0447	1948	0321	2114
6	0449	1947	0323	2112
7	0450	1945	0325	2110
8	0451	1943	0327	2108
9	0453	1941	0329	2105
10	0454	1940	0331	2103
11	0456	1938	0332	2101
12	0457	1936	0334	2058
13	0459	1934	0336	2056
14	0500	1933	0338	2054
15	0502	1931	0340	2051
16	0503	1929	0342	2049
17	0505	1927	0344	2047
18	0506	1925	0346	2044
19	0508	1923	0348	2042
20	0509	1921	0350	2040
21	0510	1919	0352	2037
22	0512	1917	0354	2035
23	0513	1915	0356	2033
24	0515	1913	0358	2030
25	0516	1911	0359	2028
26	0518	1909	0401	2025
27	0519	1907	0403	2023
28	0521	1905	0405	2021
29	0522	1903	0407	2018
30	0524	1901	0409	2016
31	0525	1859	0410	2013

LIGHT DATA FOR VII CORPS FORWARD AREAS
(ALL TIMES ARE LOCAL)

SEPTEMBER				
DAY	SR	SS	BMNT	EENT
1	0527	1857	0412	2011
2	0528	1855	0414	2013
3	0530	1853	0416	2015
4	0531	1851	0417	2016
5	0533	1848	0419	2018
6	0534	1846	0421	2019
7	0536	1844	0423	2021
8	0537	1842	0424	2022
9	0538	1840	0426	2024
10	0540	1838	0428	2026
11	0541	1836	0430	2027
12	0543	1833	0431	2029
13	0544	1831	0433	2030
14	0546	1829	0435	2032
15	0547	1827	0436	2033
16	0549	1825	0438	2035
17	0550	1822	0439	2036
18	0552	1820	0441	2038
19	0553	1818	0443	2039
20	0555	1816	0444	2040
21	0556	1814	0446	2042
22	0558	1812	0448	2043
23	0559	1809	0449	2044
24	0601	1807	0451	2046
25	0602	1805	0452	2047
26	0604	1803	0454	2049
27	0605	1801	0456	2050
28	0607	1758	0457	2051
29	0608	1756	0459	2052
30	0610	1754	0500	2053

OCTOBER				
DAY	SR	SS	BMNT	EENT
1	0611	1752	0502	1901
2	0613	1750	0503	1859
3	0614	1748	0505	1857
4	0616	1746	0506	1855
5	0617	1743	0508	1853
6	0619	1741	0509	1850
7	0620	1739	0511	1848
8	0622	1737	0513	1846
9	0623	1735	0514	1844
10	0625	1733	0516	1842
11	0626	1731	0517	1840
12	0628	1729	0519	1838
13	0630	1727	0520	1836
14	0631	1725	0522	1834
15	0633	1723	0523	1832
16	0634	1721	0525	1830
17	0636	1719	0526	1828
18	0638	1717	0528	1826
19	0639	1715	0529	1824
20	0641	1713	0531	1823
21	0642	1711	0532	1821
22	0644	1709	0534	1819
23	0646	1707	0535	1817
24	0647	1705	0537	1815
25	0649	1703	0538	1814
26	0650	1701	0540	1812
27	0652	1700	0541	1810
28	0654	1658	0543	1809
29	0655	1656	0544	1807
30	0657	1654	0546	1805
31	0659	1652	0547	1804

LIGHT DATA FOR VII CORPS FORWARD AREAS
(ALL TIMES ARE LOCAL)

NOVEMBER				
DAY	SR	SS	BMNT	EENT
1	0700	1651	0549	1802
2	0702	1649	0550	1801
3	0704	1647	0552	1759
4	0705	1646	0553	1758
5	0707	1644	0555	1756
6	0708	1643	0556	1755
7	0710	1641	0557	1754
8	0712	1640	0559	1752
9	0713	1638	0600	1751
10	0715	1637	0602	1750
11	0717	1635	0603	1749
12	0718	1634	0605	1747
13	0720	1632	0606	1746
14	0722	1631	0607	1745
15	0723	1630	0609	1744
16	0725	1629	0610	1743
17	0726	1627	0612	1742
18	0728	1626	0613	1741
19	0730	1625	0614	1740
20	0731	1624	0616	1739
21	0733	1623	0617	1738
22	0734	1622	0618	1738
23	0736	1621	0620	1737
24	0737	1620	0621	1736
25	0739	1619	0622	1736
26	0740	1618	0624	1735
27	0742	1618	0625	1734
28	0743	1617	0626	1734
29	0744	1616	0627	1733
30	0746	1615	0628	1733

DECEMBER				
DAY	SR	SS	BMNT	EENT
1	0747	1615	0630	1732
2	0748	1614	0631	1732
3	0750	1614	0632	1732
4	0751	1613	0633	1731
5	0752	1613	0634	1731
6	0753	1613	0635	1731
7	0755	1612	0636	1731
8	0756	1612	0637	1731
9	0757	1612	0638	1731
10	0758	1612	0639	1731
11	0759	1612	0640	1731
12	0800	1612	0641	1731
13	0801	1612	0642	1731
14	0802	1612	0642	1731
15	0802	1612	0643	1731
16	0803	1612	0644	1731
17	0804	1612	0645	1732
18	0805	1613	0645	1732
19	0805	1613	0646	1732
20	0806	1613	0647	1733
21	0807	1614	0647	1733
22	0807	1614	0648	1734
23	0808	1615	0648	1734
24	0808	1615	0649	1735
25	0808	1616	0649	1735
26	0809	1617	0649	1736
27	0809	1617	0650	1737
28	0809	1618	0650	1738
29	0809	1619	0650	1738
30	0809	1620	0650	1739
31	0810	1621	0650	1740

CLIMATOLOGY TABLES FOR VII CORPS FORWARD AREAS

THESE TABLES WERE PRODUCED BY OPERATING LOCATION A OF THE UNITED STATES AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER. THE VALUES CONTAINED IN THESE TABLES ARE BASED ON THE MOST CURRENT DATA AVAILABLE AND ARE INTENDED FOR USE ONLY IN THE VII CORPS FORWARD AREAS. ANY COMMENTS OR SUGGESTIONS CONCERNING THESE TABLES SHOULD BE FORWARDED TO OL-A, USAFETAC, FEDERAL BLDG. RM 305, ASHEVILLE, NORTH CAROLINA 28801.

14 AUG 1981

